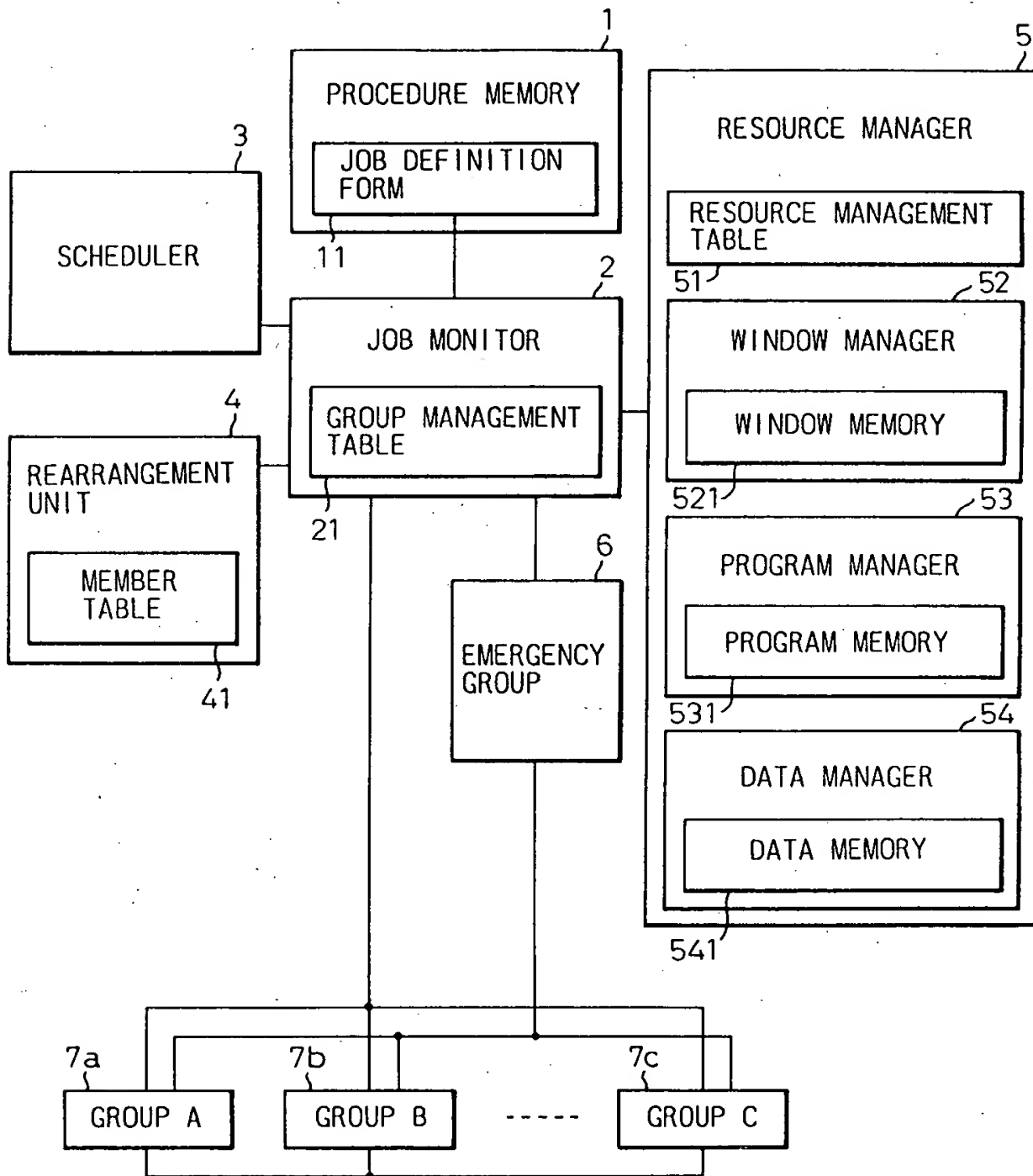


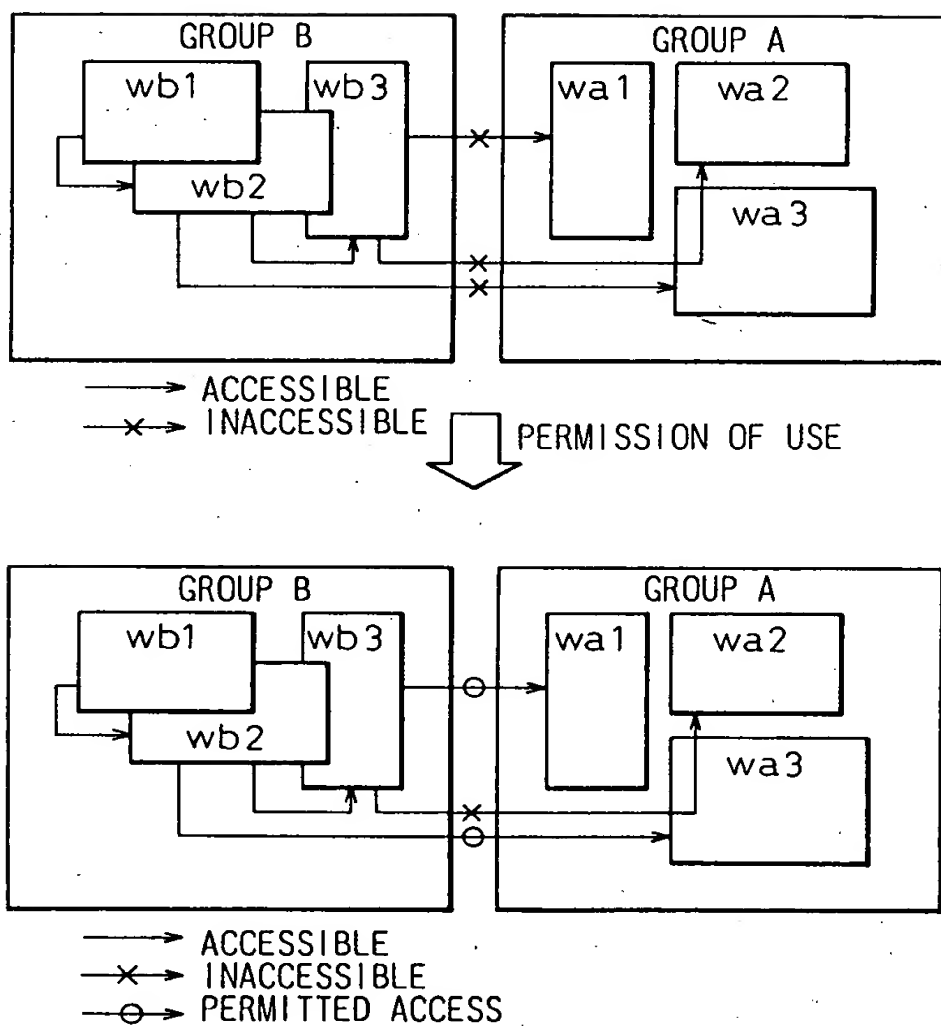
1/53

Fig.1



0925208 010499

Fig.2



09225208-010499

3/53

Fig.3(A)

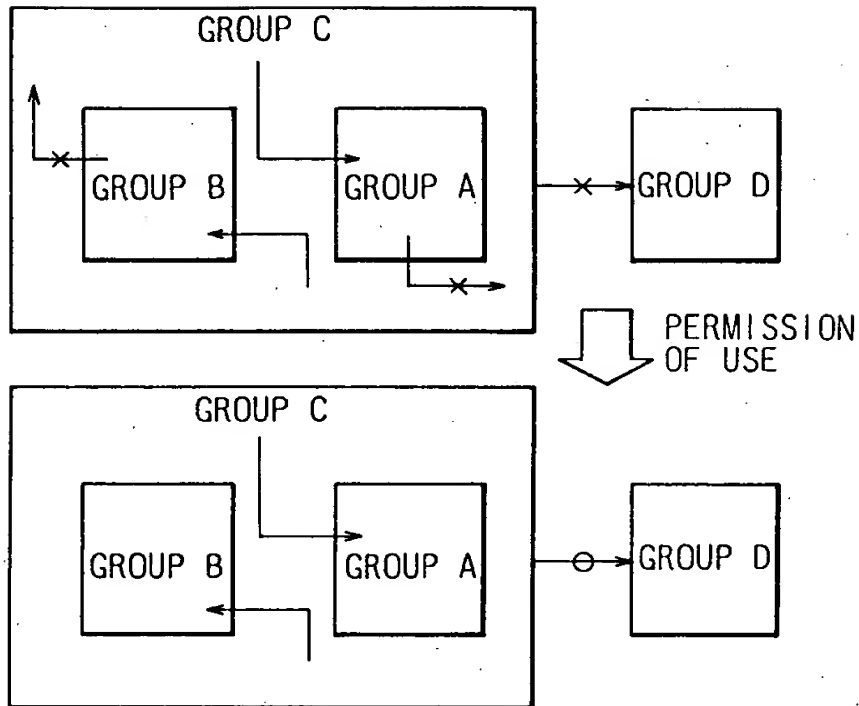
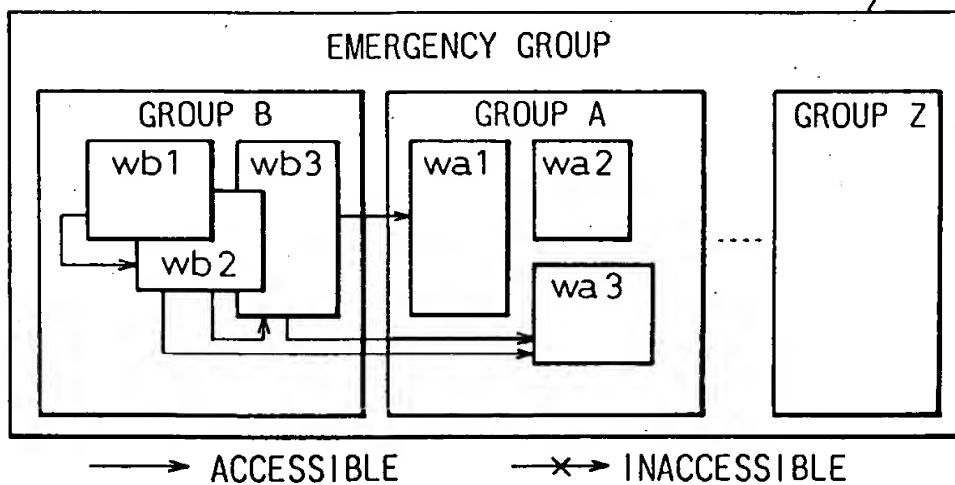


Fig.3(B)



664010" 80252250

APPROVAL	FIG.
BY	CLASS
DATE	RECLASS

4/53

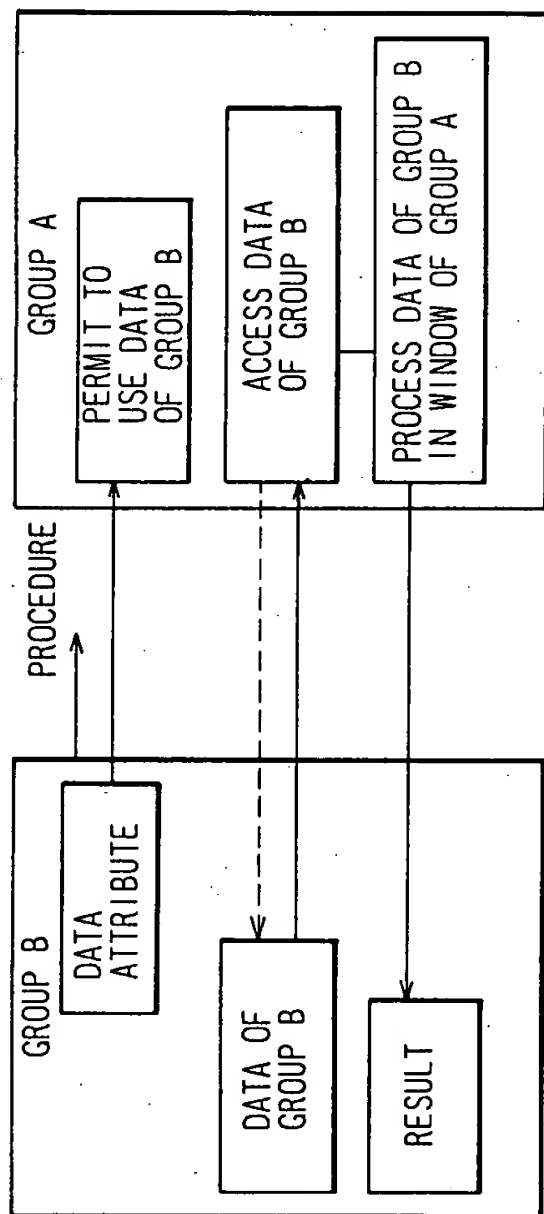


Fig. 4(A)

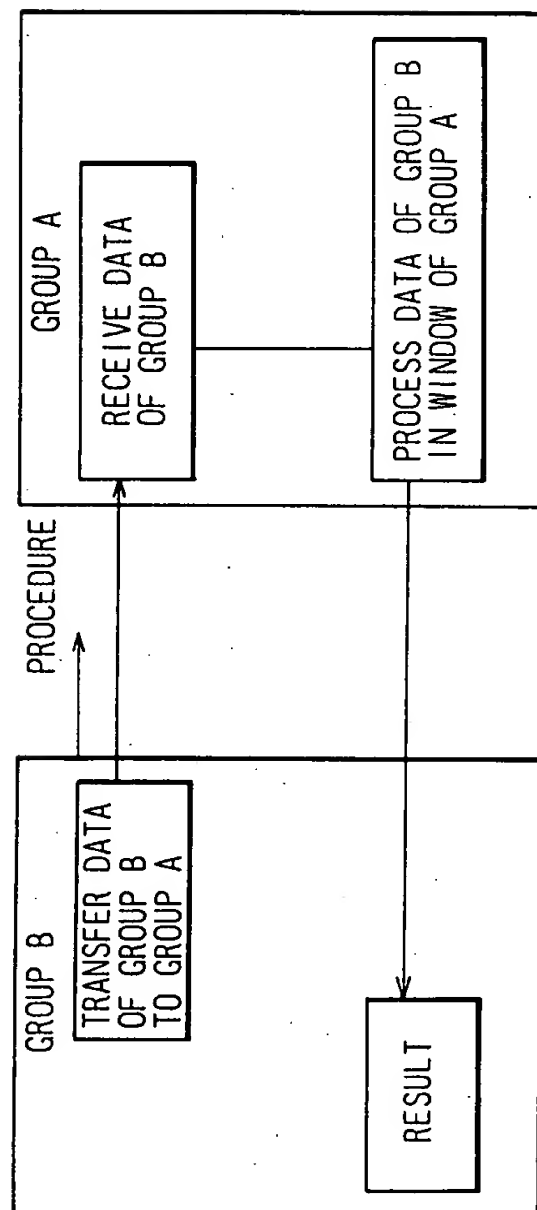


Fig. 4(B)

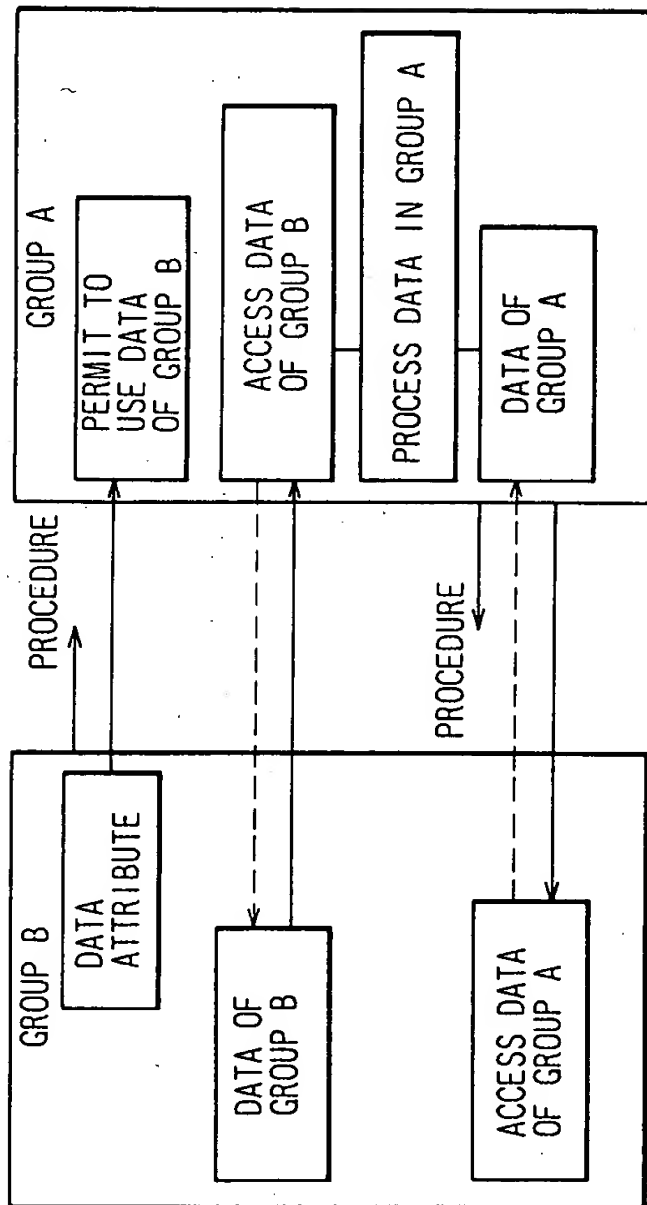


Fig. 5(A)

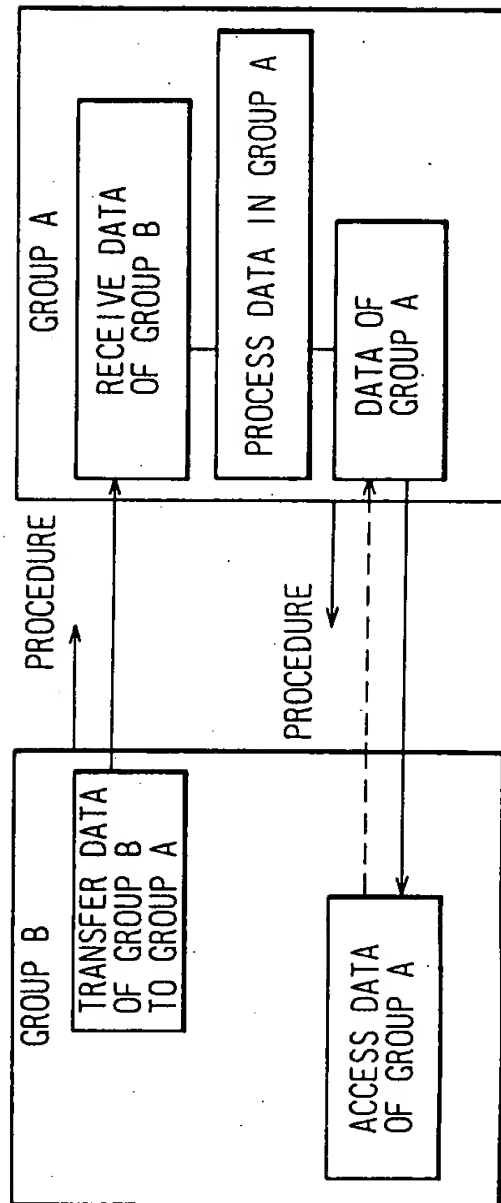


Fig. 5(B)

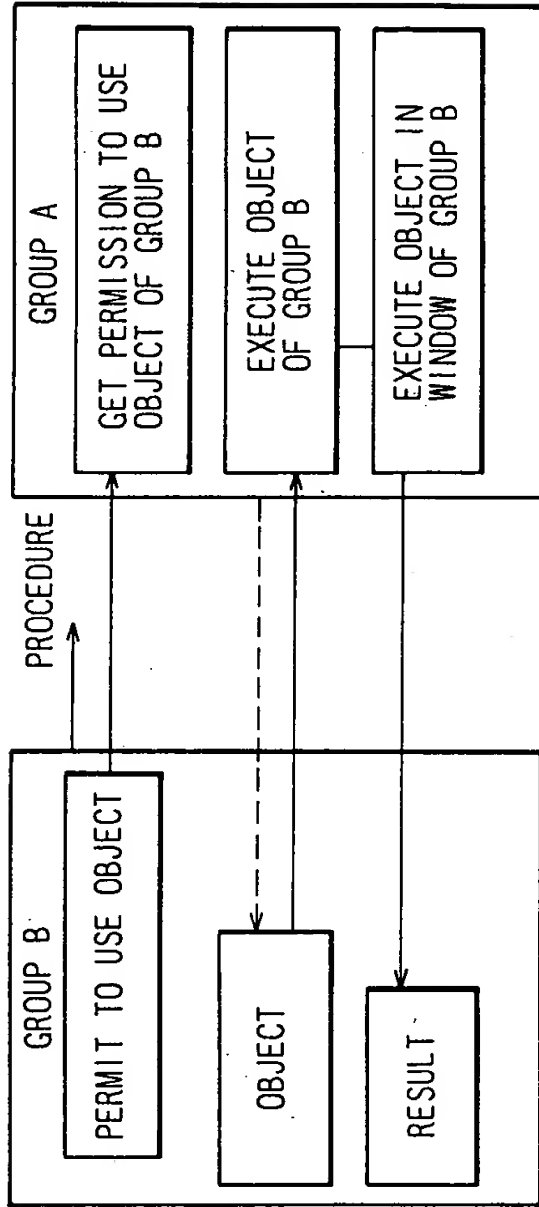


Fig. 6(A)

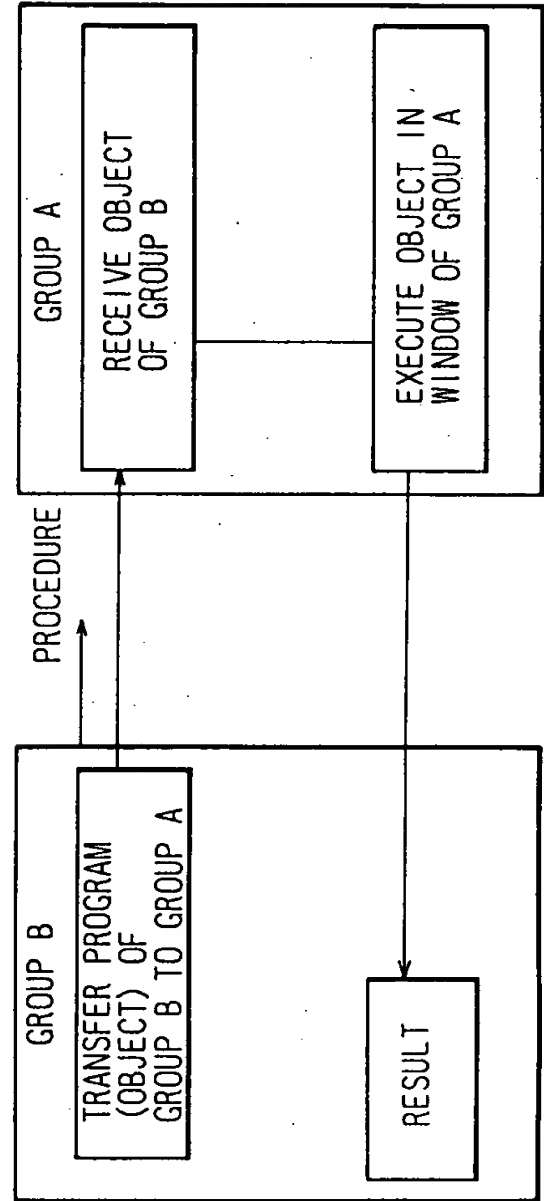


Fig. 6(B)

Fig.7(A)

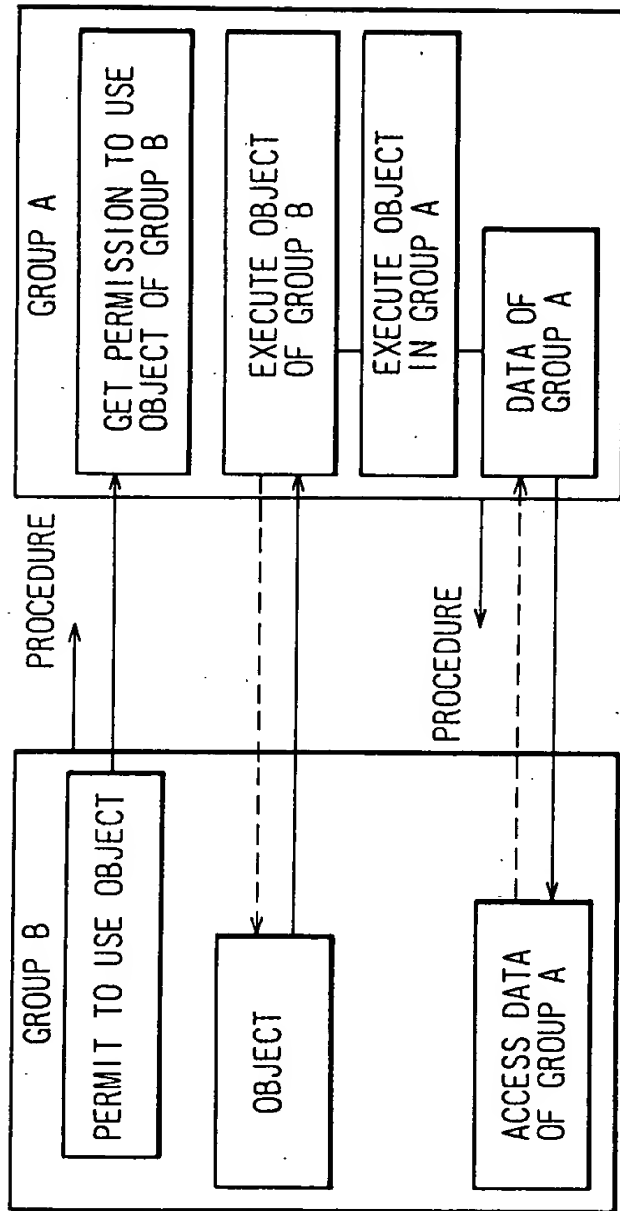
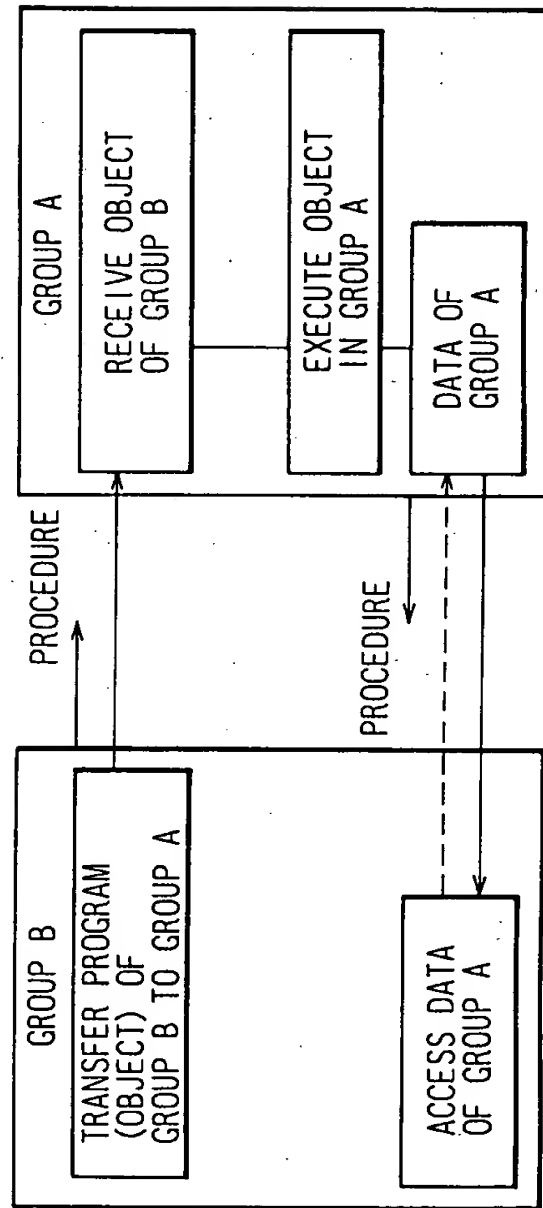


Fig.7(B)



APPROVED	U.C. FIG.	
TY	ELIUS	CUR CLASS
BATCH		

8/53

Fig. 8

DATE OF START: stdate
DATE OF COMPLETION: spdate
GROUP: A

PROCEDURE

JOB: A1

LINK:***

WORKER: 1,2,...,n

DATE OF START: stdate-A1

DATE OF COMPLETION: spdate-A1

WINDOW:

OBJECT:

DATA:

JOB: A2

LINK:***

WORKER: 1,2,...,n

DATE OF START: stdate-A2

DATE OF COMPLETION: spdate-A2

WINDOW:

OBJECT:

DATA:

JOB: An

LINK:***

WORKER: 1,2,...,n

DATE OF START: stdate-An

DATE OF COMPLETION: spdate-An

WINDOW:

OBJECT:

DATA:

0925208-010499

9/53

Fig.9

```

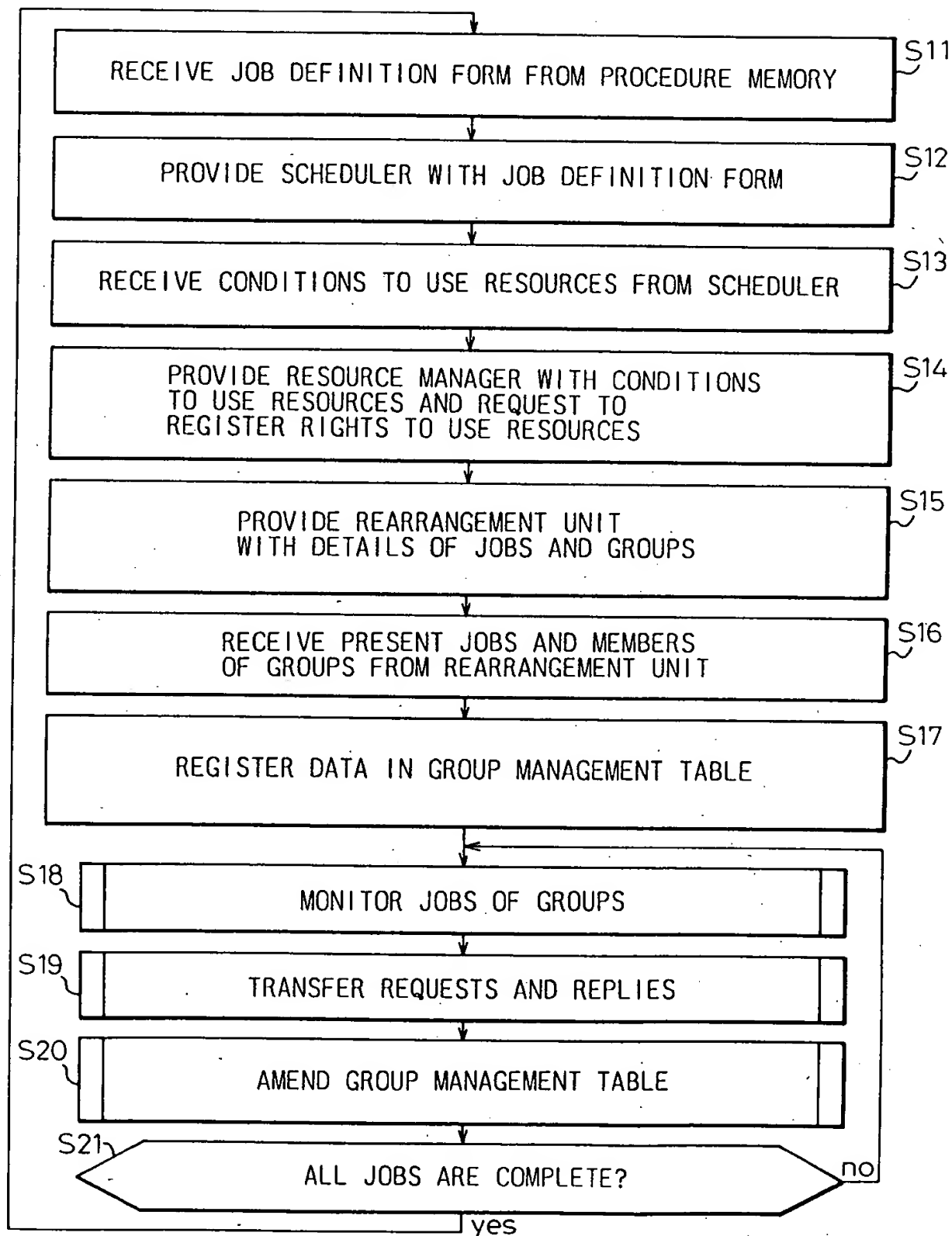
use: GROUP A(JOB A1), ..., GROUP Z(JOB Z1)
member: GROUP A(JOB A1)[WORKER 1, ..., WORKER n]
        GROUP B(JOB B1)[WORKER 1, ..., WORKER n]
        ...
        GROUP Z(JOB Z1)[WORKER 1, ..., WORKER n]
start: sdate
stop: spdate

PROCEDURE:
  for(time N week)
    if(status: GROUP A(JOB A1)=all) then exit
    if(status: GROUP B(JOB B1)=all) then exit
    ...
    GROUP A(JOB A1):
      resource([window1, ..., windowk],
               [object1, ..., objectL],
               [data1, ..., dataM])
    GROUP B(JOB B1):
      resource([window1, ..., windowk],
               [object1, ..., objectL],
               [data1, ..., dataM])
    ...
  end for
  loop GROUP A(JOB A1) status: all endLoop
  loop GROUP B(JOB B1) status: all endLoop
  delete GROUP A(JOB A1):
    resource([window1, ..., windowk],
             [object1, ..., objectL],
             [data1, ..., dataM])
  delete GROUP B(JOB B1):
    resource([window1, ..., windowk],
             [object1, ..., objectL],
             [data1, ..., dataM])
  ...
  for(time N week)
    ...
  END OF JOBS
  
```

09225208 010499

10/53

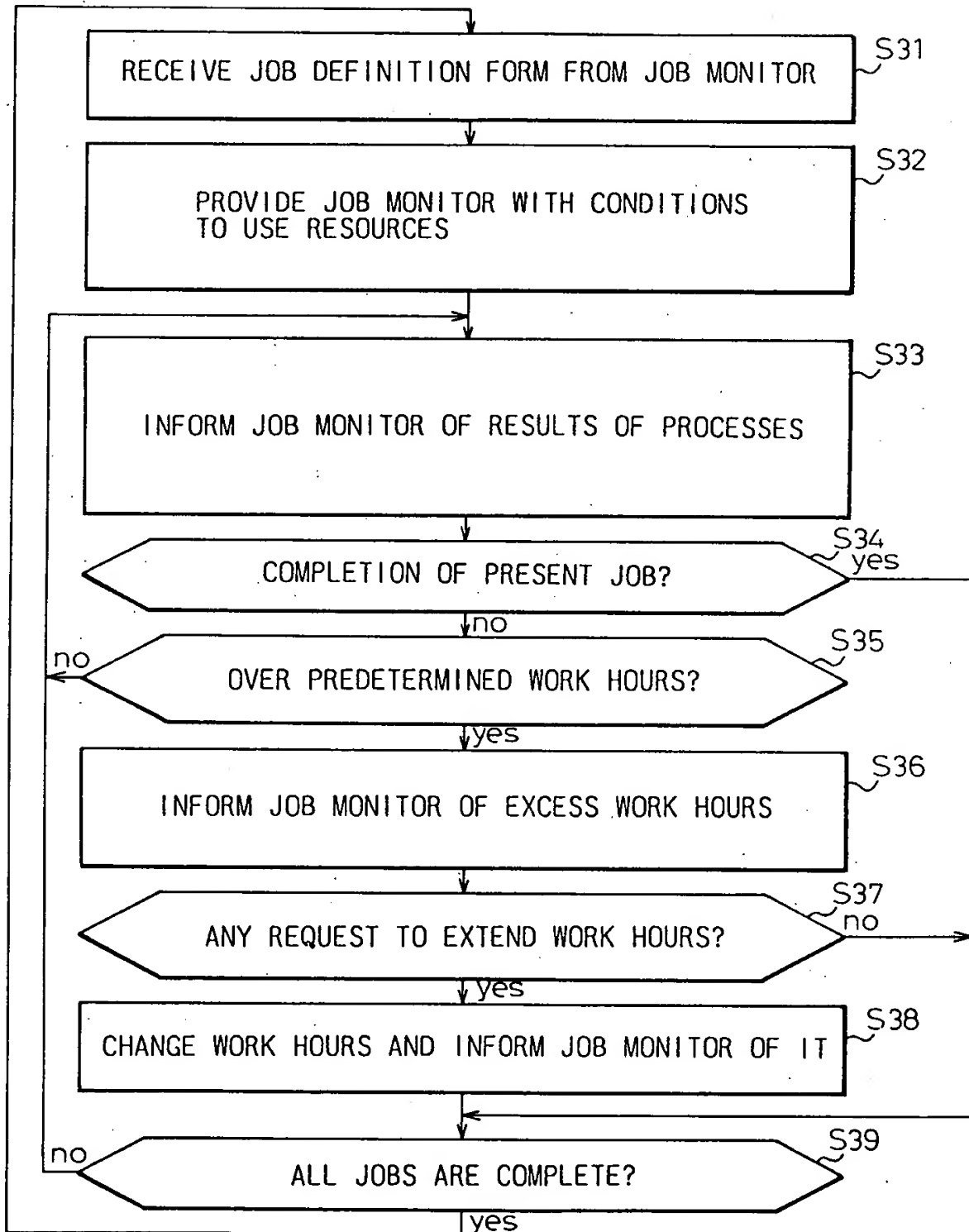
Fig.10



09225208-010499

11/53

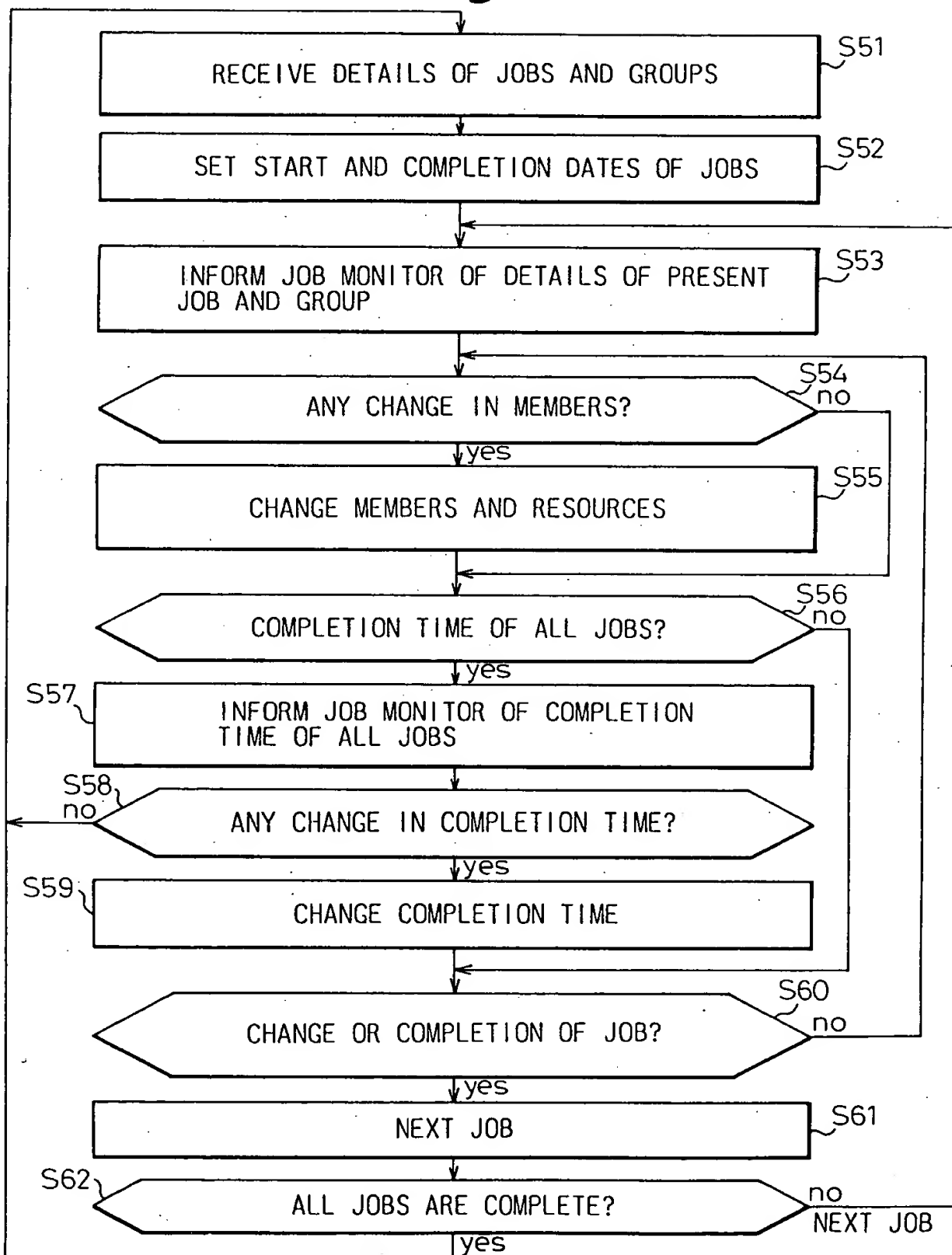
Fig.11



0925200-0109664070-80252260

12/53

Fig.12



0925208-010499

Fig.13

~21

WINDOW	NUMBER	GROUP (JOB)	FLAG	GROUP (JOB)	FLAG	---
:	:	:	:	:	:	---
OBJECT						---
:	:	:	:	:	:	
DATA FILE						---
:	:	:	:	:	:	

FLAG	
0	UNUSED
1	IN USE
3	IN USE AND UPDATED DATA FILE
4	AVAILABLE FOR ANOTHER GROUP
5	BELONGING TO ANOTHER GROUP BUT AVAILABLE

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RECEIVED 10.18. FIG.
BY 10.18.53 SUBCLASS
CLASSIFICATION

14/53

Fig.14

41

GROUP (JOB)	NUMBER	WORKER	WORKER	WORKER

Fig.15(A)

GROUP (JOB)	WINDOW	OBJECT	DATA	CONDITIONS
:	:	:	:	:

WINDOW INFORMATION
(WINDOW ENVIRONMENT (SIZE, MENU, ETC.))
WINDOW ACTIVATION FILE

OBJECT INFORMATION
(OBJECT ACTIVATION STYLE,...)
OBJECT ACTIVATION FILE

DATA ATTRIBUTE INFORMATION
(DATA TYPE (READ-ONLY, FORMAT,...))
DATA FILE

Fig.15(B)

CONDITIONS		
WINDOW CONDITIONS	OBJECT CONDITIONS	DATA STORAGE CONDITIONS

Fig.15(C)

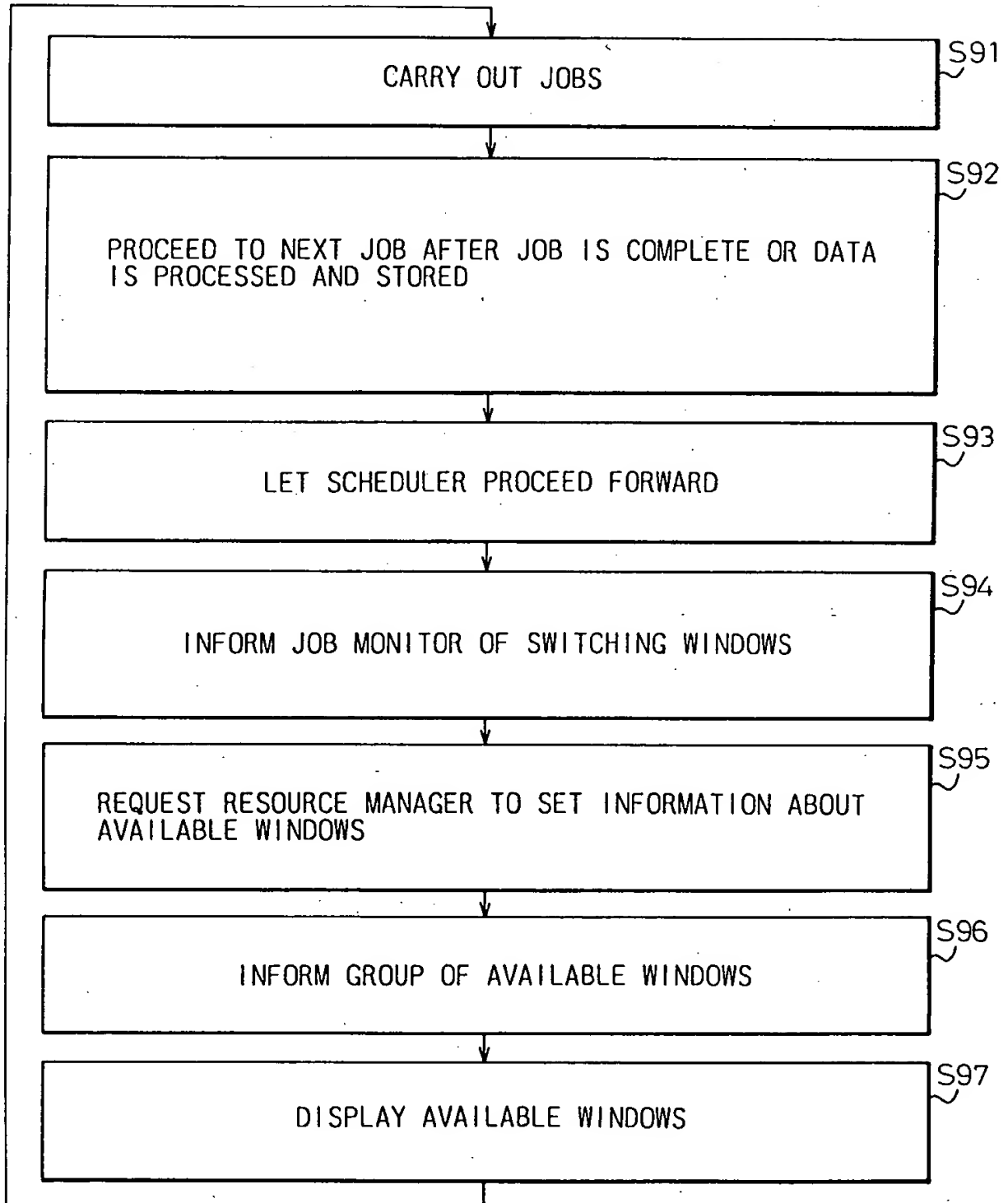
0: UNUSED
1: IN USE
2: EXCLUSIVE USE
3: IN USE, PARTLY AVAILABLE FOR ANOTHER GROUP

Fig.15(D)

0: NOT STORED
1: COMPLETELY PROCESSED
2: INTERIM DATA STORED
4: REQUESTED DATA
5: STORED REQUESTED DATA
6: PROCESSING REQUESTED DATA

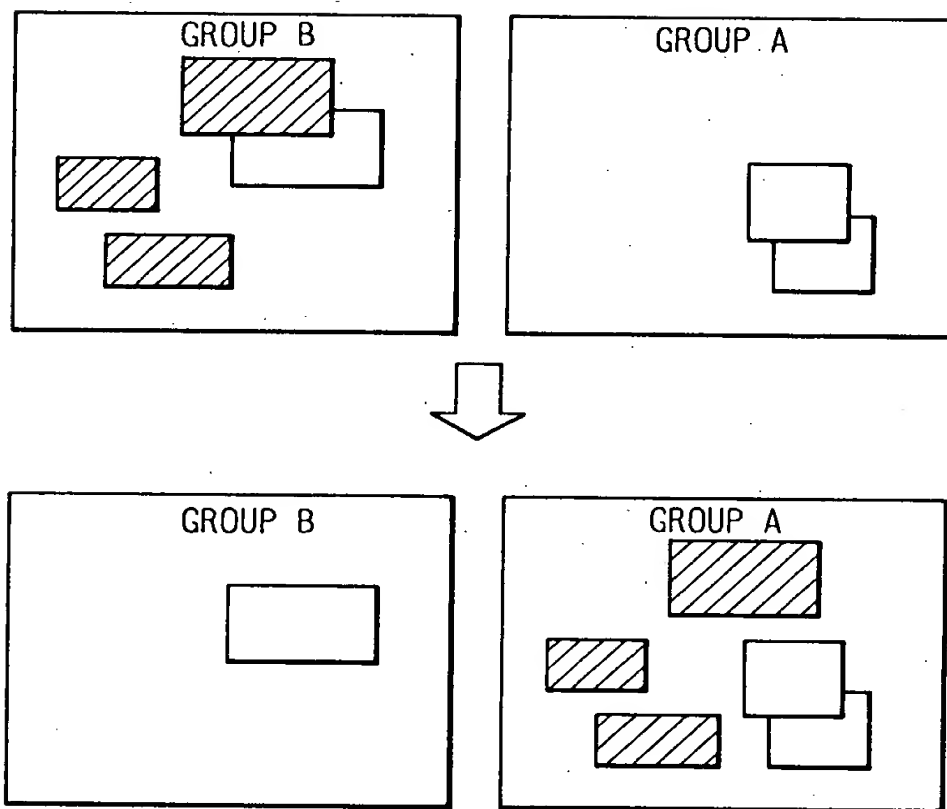
16/53

Fig.16



0925208 010499 664010 80252260

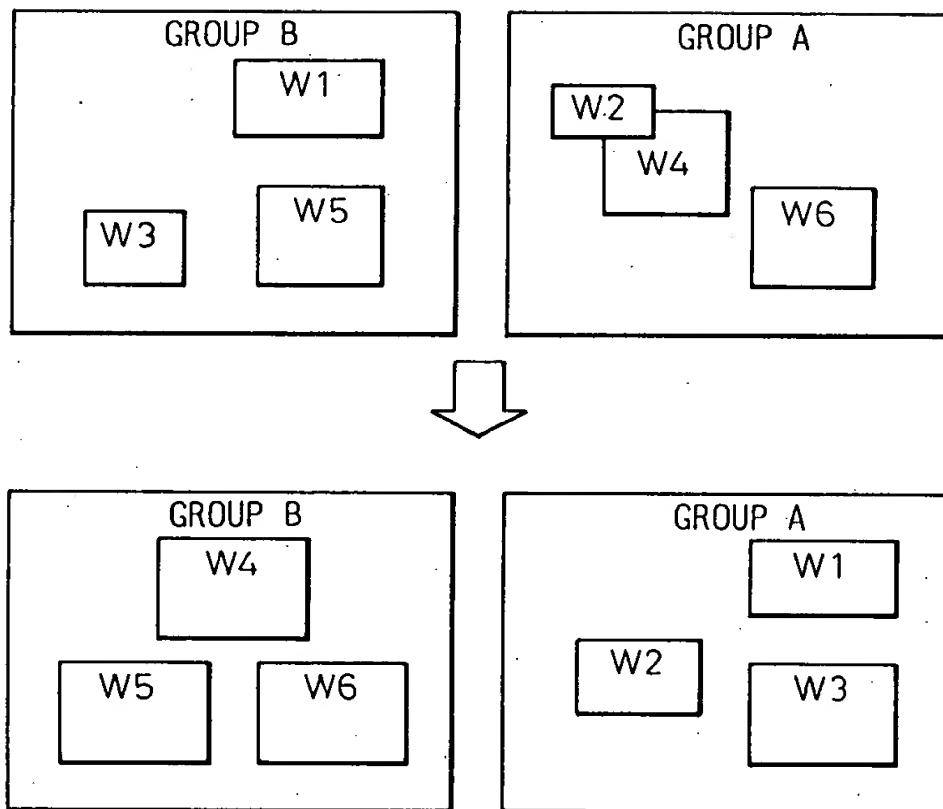
Fig.17



09225208.010499

18/53

Fig.18



0925208-010499

19/53

Fig.19(A)

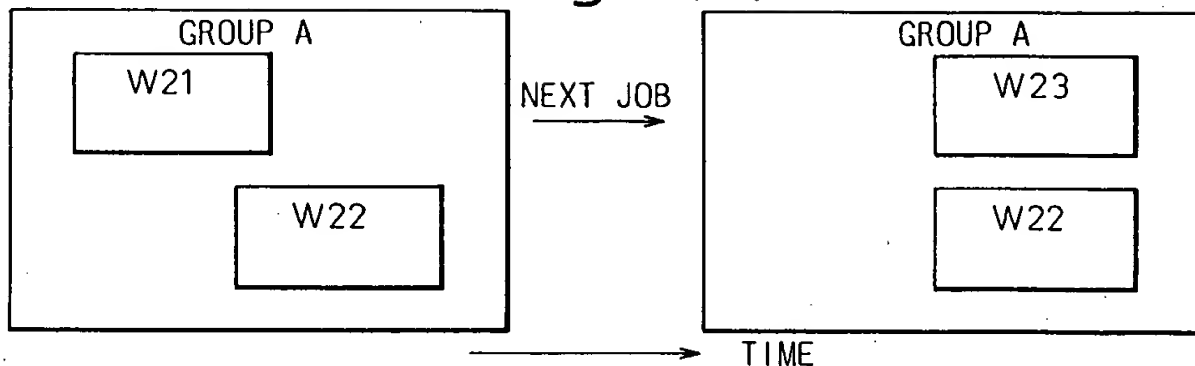


Fig.19(B)

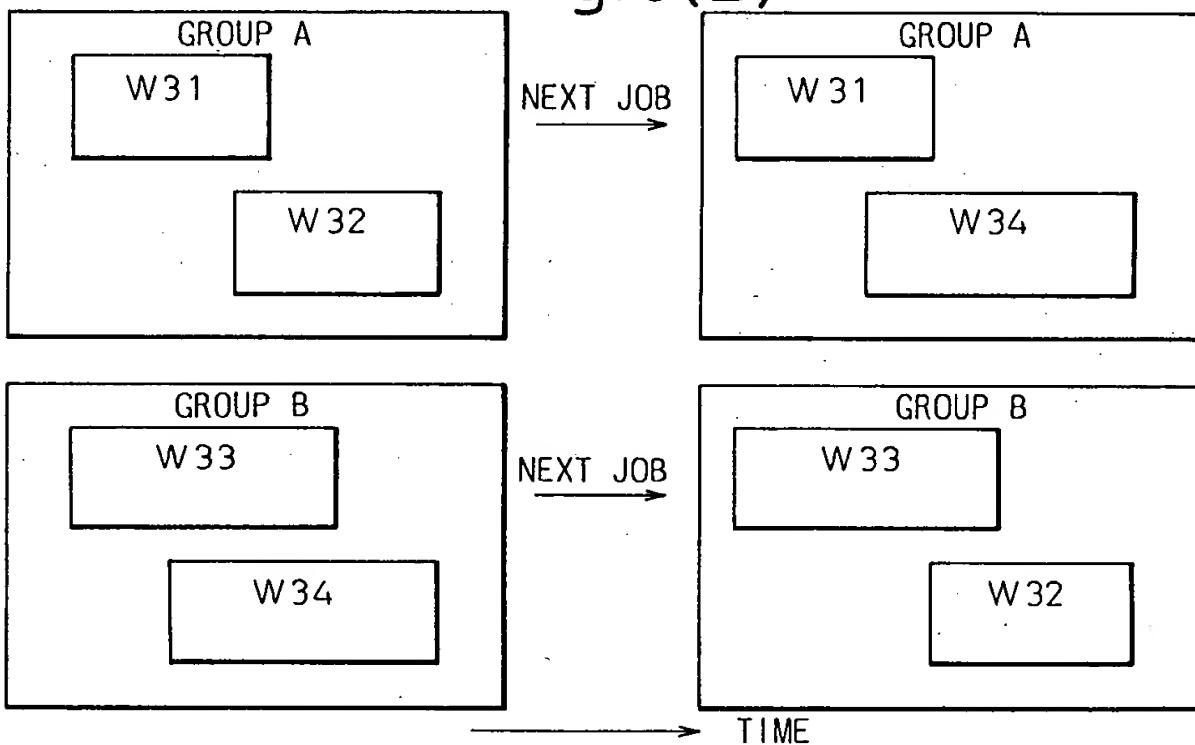
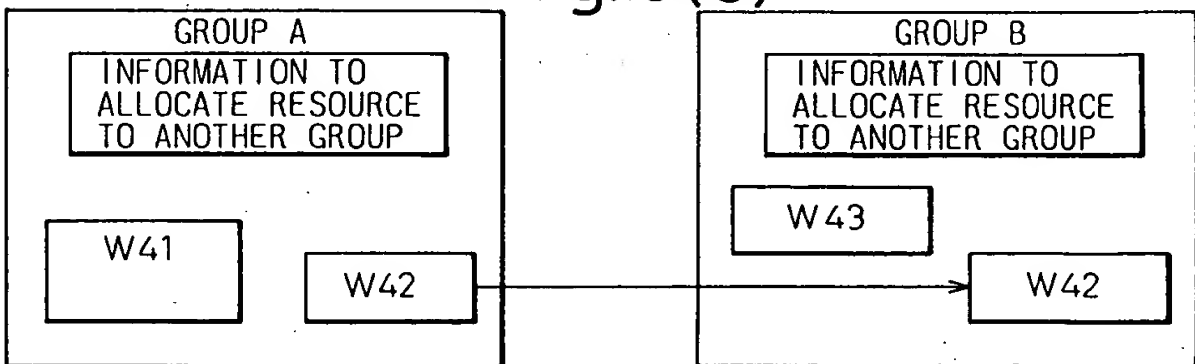


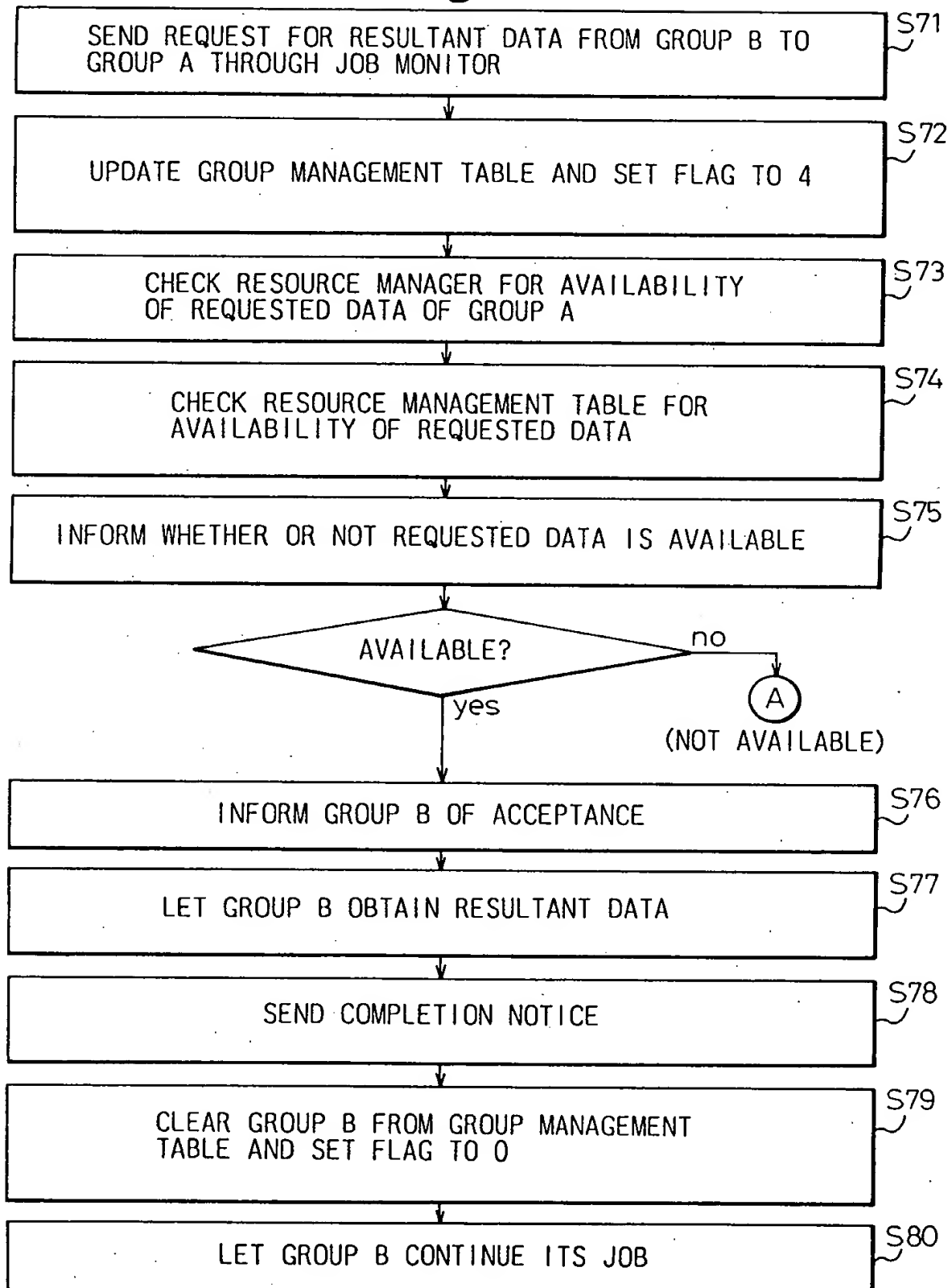
Fig.19(C)



09225208-010499

20/53

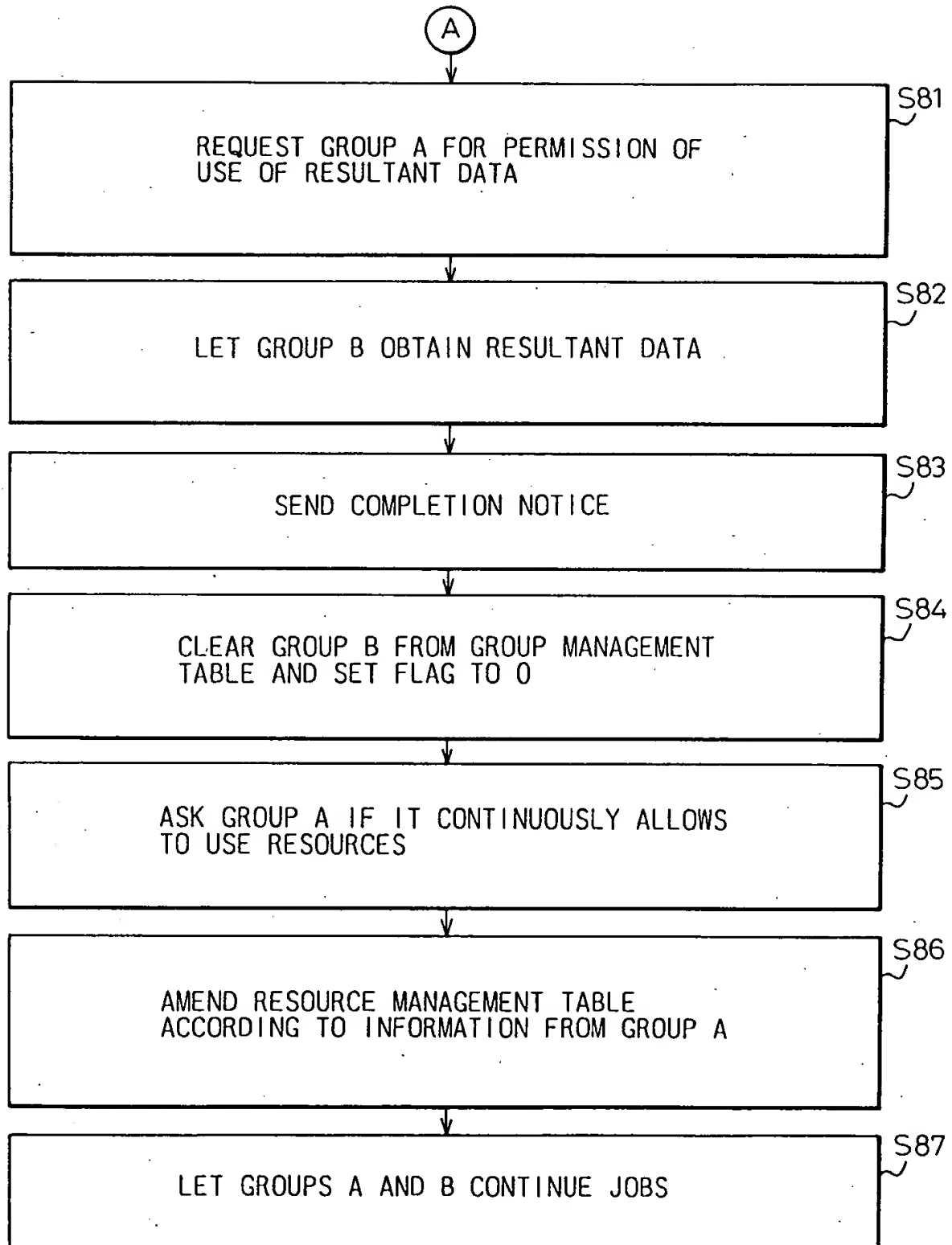
Fig.20



09225208-010499

21/53

Fig.21



09225208-010499

664070" 80252260

Fig.22

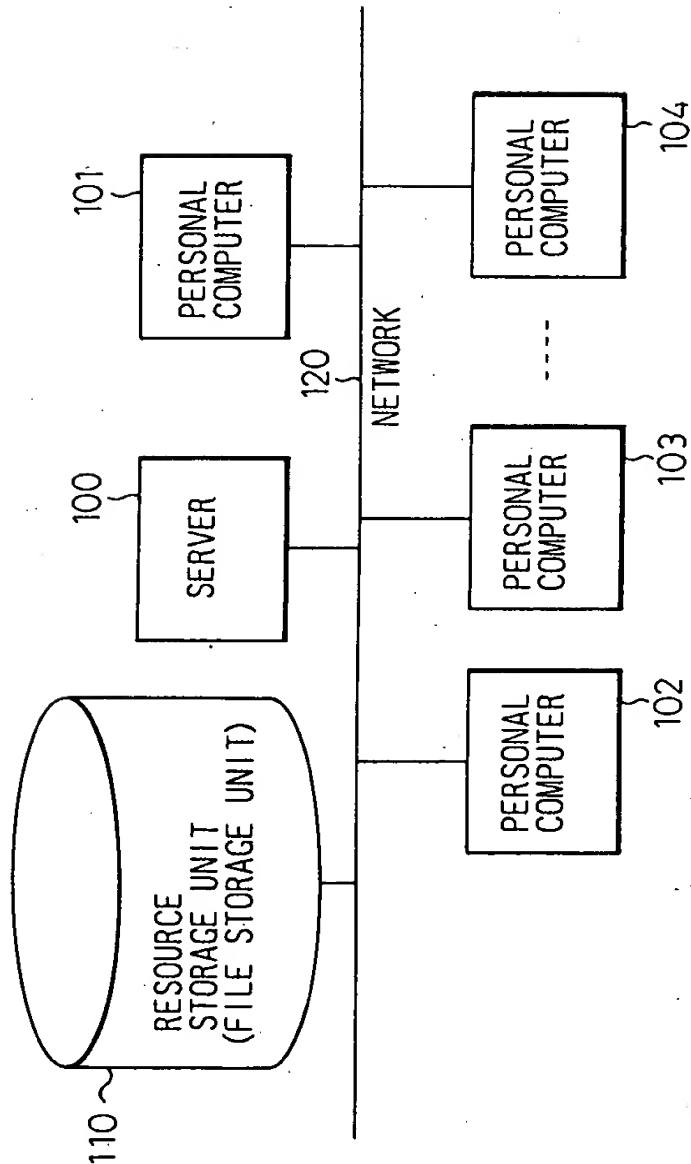
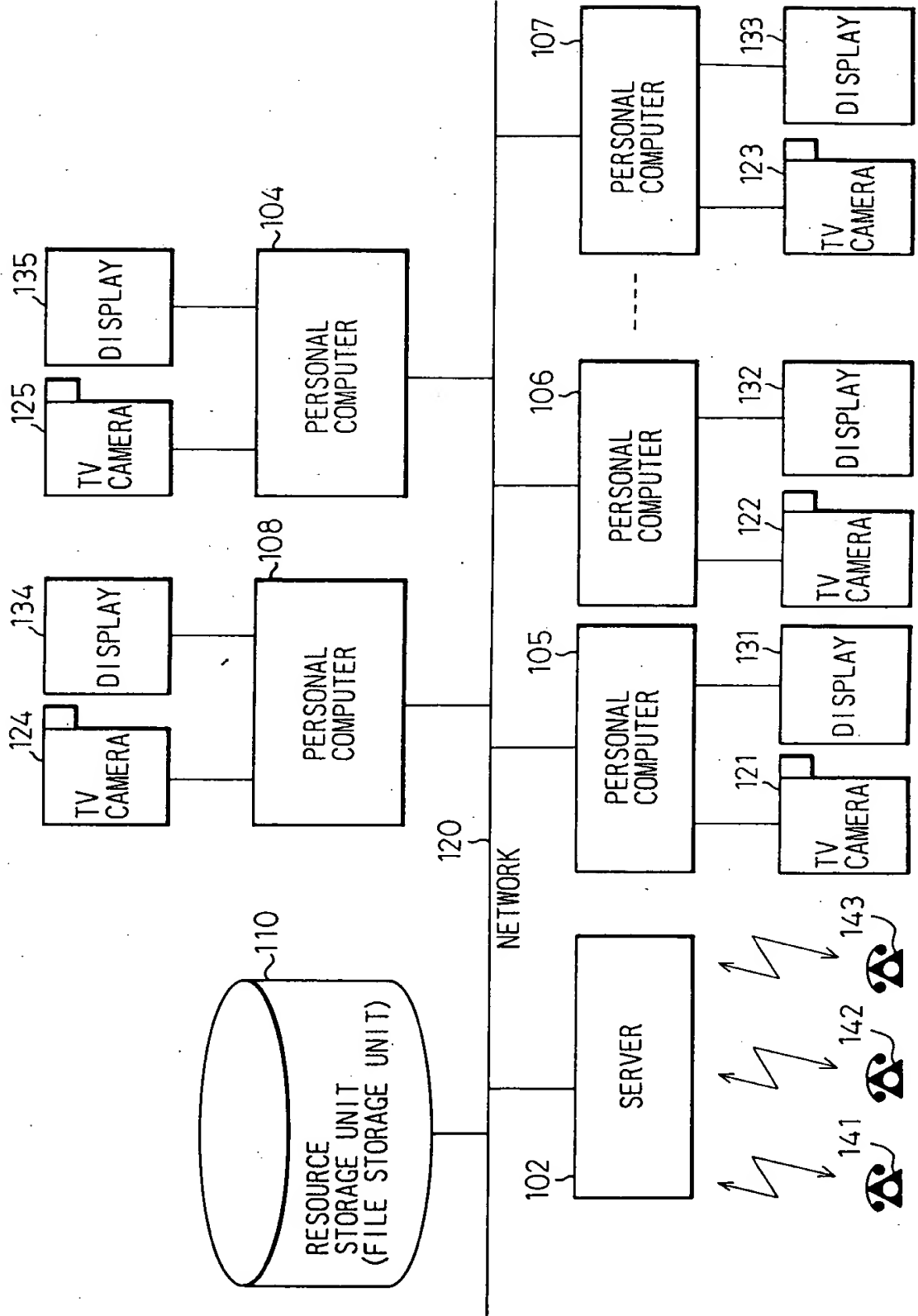
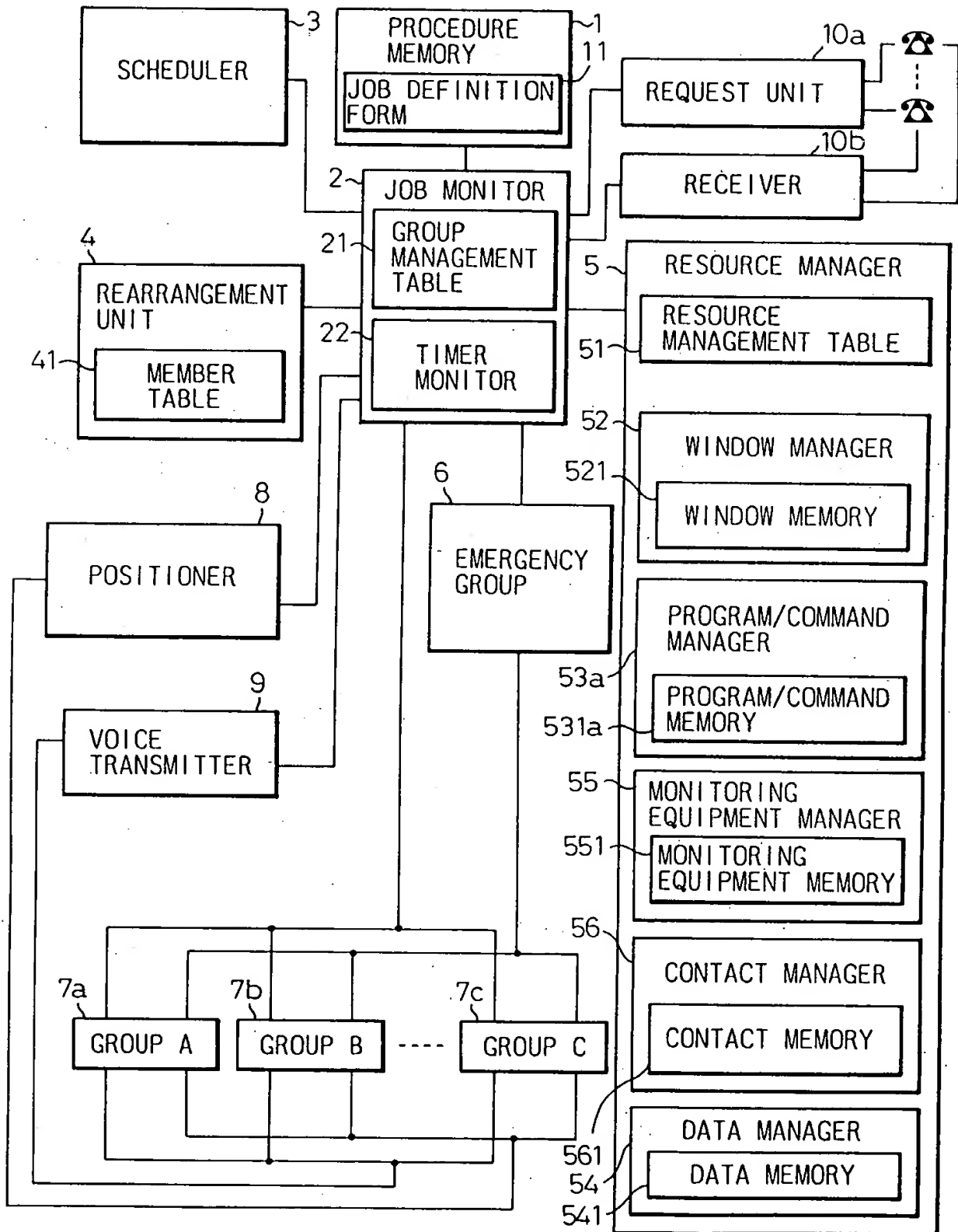


Fig. 23



24/53

Fig.24



654070-8022260

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DATE		

25/53

Fig. 25(A)

GROUP (JOB)	NUMBER OF MEMBERS	MEMBER	WINDOW	OBJECT/COMMAND	DATA	MONITOR/VOICE	CONTACT	WORK CONDITIONS
:	:	:	:	:	:	:	:	:

Fig. 25(B)

WORK CONDITIONS				
WINDOW	OBJECT/COMMAND	DATA STORAGE	CONTACT	MONITOR CAMERA OPERATION
				MONITOR CAMERA INPUT
				VOICE INPUT/OUTPUT

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
WATSMAN		

26/53

Fig. 25(C)

- 0: UNUSED
- 1: IN USE
- 2: EXCLUSIVE USE
- 3: EXCLUSIVE USE BY SPECIFIC MEMBERS
- 4: EXCLUSIVE USE BY SPECIFIC MEMBER
- 5: IN USE, AVAILABLE FOR ANOTHER GROUP
- 6: BEING CHECKED
- 7: BEING CHECKED WITH ALL MEMBERS
- 8: USED UNDER PERMISSION OF ALL MEMBERS
- 9: BEING CHECKED WITH SPECIFIC MEMBERS
- 10: BEING CHECKED WITH SPECIFIC MEMBER

Fig. 25(D)

- 0: NOT STORED
- 1: COMPLETELY PROCESSED
- 2: INTERIM DATA STORED
- 3: STORAGE PROHIBITED, READ ONLY
- 4: STORAGE PROHIBITED, READABLE IF AGREED BY ALL MEMBERS
- 5: STORAGE PROHIBITED, READABLE IF AGREED BY SPECIFIC MEMBER
- 6: REQUESTED DATA
- 7: REQUESTED DATA STORED
- 8: PROCESSING REQUESTED DATA

0925208 010499

27/53

Fig. 26(A)

0: UNUSED
1: CONTACTING
2: CONTACTING WITH ALL MEMBERS
3: NOTIFIED
4: NOTIFIED TO ALL MEMBERS
1X: PORTABLE TELEPHONE
2X: PAGER
3X: PERSONAL COMPUTER COMMUNICATION
4X: OTHER COMMUNICATIONS

X: 0 TO 4

Fig. 26(B)

0: UNUSED
1: START MOVING CAMERA
2: MOVING CAMERA
3: POSITIONED
1X: MOVING RIGHT
2X: MOVING LEFT
3X: MOVING UP
4X: MOVING DOWN

Fig. 26(C)

0: UNUSED
1: POSITION ERROR
2: NO INPUT
3: INPUTTING

Fig. 26(D)

0: UNUSED
1: REQUEST FOR VOICE MESSAGE
2: REQUEST FOR REGISTRATION OF VOICE MESSAGE
3: SPECIFYING VOICE MESSAGE DESTINATION
4: CHECKING VOICEPRINT

09225208.010499

APPROVED	D.G. FIG.	
BY	CLASS	SUBCLASS
CRAFTSMAN		

28/53

Fig. 27

WINDOW INFORMATION
(OS, CPU, WINDOW ENVIRONMENT (SIZE, MENU))
WINDOW ACTIVATION FILES (OS, CPU)

Fig. 28

OBJECT/COMMAND INFORMATION
(OS, CPU, OBJECT ACTIVATION FORMAT)
OBJECT ACTIVATION FILES (OS, CPU)

Fig. 29

INFORMATION ABOUT MONITOR AND VOICE
(MEMBER, LOCATION, POSITION (DIRECTION, ANGLE), TYPE (VOICE))
OPERATING FILES FOR MONITOR AND VOICE

Fig. 30

CONTACT INFORMATION
(NAME, LOCATION, TELEPHONE NUMBER, AND MESSAGE CODE OF EACH MEMBER)
CONTACT OPERATING FILES

Fig. 31

DATA ATTRIBUTE INFORMATION
(DATA TYPE (READ-ONLY, FORMAT, TYPE (DYNAMIC IMAGE, VOICE))
DATA FILES

004070" 80252260

29/53

Fig.32(A)

WINDOW	NUMBER	GROUP (JOB)	FLAG	GROUP (JOB)	FLAG	-----
COMMAND/ PROGRAM						-----
DATA						-----

Fig.32(B)

FLAG	
0	UNUSED
1	IN USE
3	UPDATED DATA/OBJECT/COMMAND/WINDOW IN USE
5	CREATING NEW FILE FROM PRESENT DATA/OBJECT/COMMAND/WINDOW
7	DIFFERENCE ADDED TO PRESENT DATA/OBJECT/COMMAND/WINDOW
8	ASKING PERMISSION OF ANOTHER GROUP
9	PERMITTED WINDOW/DATA/OBJECT/COMMAND OF ANOTHER GROUP
18	ASKING PERMISSION OF SPECIFIC MEMBER OF ANOTHER GROUP
28	ASKING PERMISSION OF ALL MEMBERS OF ANOTHER GROUP
38	ASKING PERMISSION OF SPECIFIC MEMBERS OF ANOTHER GROUP

092500-010499 664070-30252260

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
NETSMAN		

30/53

Fig.33

GROUP (JOB)	NUMBER	MEMBER	-----	MEMBER
-----	-----	-----	-----	-----

664070" 80252260

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
TAFTSMAH		

31/53

Fig.34(A)

MEMBER	GROUP (JOB)	NUMBER	TAG	WINDOW	PERIOD	-----
---	---	---	---	---	---	

Fig.34(B)

TAG	
1	WINDOW
2	OBJECT/COMMAND
3	DATA

Fig.34(C)

PERIOD	AVAILABLE PERIOD
--------	------------------

664010" 80252260

APPROVED	D.G. FIG.	
BY	CLASS	SUBCLASS
WELDSMAN		

32/53

GROUP (JOB)	NUMBER	TAG	WINDOW	PERIOD	-----
-----	-----	-----	-----	-----	

Fig.35(A)

TAG	
1	WINDOW
2	OBJECT OR COMMAND
3	DATA

Fig.35(B)

PERIOD	AVAILABLE PERIOD
--------	------------------

Fig.35(C)

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
RAFTSMAN		

33/53

Fig. 36(A)

START OF FIRST JOB: START DATE
END OF LAST JOB: END DATE
GEUP: C

PROCEDURE

JOB: DEVELOPMENT A

LINK: ***

DATE OF START: start-1

DATE OF COMPLETION: end-1

WORKER: 1,2,...,m

CONTACT ADDRESS

WORKER 1: PRIORITY, CALL, PORTABLE TELEPHONE (TELEPHONE NUMBER)

WORKER 2: NO PRIORITY, PAGER, PORTABLE DEVICE

.....

WORKER m: *****

WINDOW: ***** (PERMISSION, PERIOD, PERMISSION PROCEDURE)

.....

OBJECT/COMMAND: ***** (PERMISSION, PERIOD, PERMISSION PROCEDURE)

.....

DATA: ***** (PERMISSION, PERIOD, PERMISSION PROCEDURE)

.....

CONTACT: POSSIBLE

NUMBER: k

WORKER: 3,8

MONITOR: CAMERA WITH SENSOR, VOICE

*1

APPROVED	O.G. FIG.	
BY	CLASS	QUESTCLASS
DATE/TIME		

34/53

Fig. 36(B)

*1

```

JOB: DEVELOPMENT B
LINK: ***
DATE OF START: start-2
DATE OF COMPLETION: end-2
WORKER: 1,2,...,n
CONTACT ADDRESS
WORKER 1: NO PRIORITY, PAGER
WORKER 2: PRIORITY, CONTACT, PORTABLE TELEPHONE (TELEPHONE NUMBER)
.....
WORKER n: *****
WINDOW: .....
OBJECT/COMMAND: .....
DATA: .....
CONTACT: POSSIBLE
.....

JOB: DEVELOPMENT J
LINK: ***
.....
MONITOR: CAMERA WITH SENSOR
    
```

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DATE/TIME		

35/53

Fig. 37(A)

```

START OF DEVELOPMENT PROCESS: [
START: start of date
END: END of date
USE: GROUP 1(DEVELOPMENT A1), ..., GROUP 999(DEVELOPMENT NAME)
member: GROUP 1(DEVELOPMENT A1) [WORKER: 1, 2, ..., m]
        GROUP 1(DEVELOPMENT B1) [.....]
        .....
        GROUP 2(DEVELOPMENT A1) [WORKER: .....]
        GROUP 2(DEVELOPMENT B1) [WORKER: .....]
        .....
        GROUP n(DEVELOPMENT A1) [WORKER: .....]
        .....

PROCESS:
  create GROUP 1(DEVELOPMENT A1):
    resource([window1, ..., windowP],
             [object1, command1, ..., commandL],
             [data1, ..., dataN])
  create GROUP 2(DEVELOPMENT A1):
    resource([window1, ..., windowS],
             [command1, ..., objectO, commandK],
             [data1, ..., dataJ])
    .....

```

*2

09225208-010499

Fig. 37(B)

```

PROCESS 1:
for(time N week)
if(status: GROUP 1(DEVELOPMENT A1)=end) then exit: PROCESS 1
if(status: GROUP 2(DEVELOPMENT B1)=end) then exit: PROCESS 1
...
GROUP 1(DEVELOPMENT A1):
resource([window1, ..., windowP],
[object1, command1, ..., commandL],
[data1, ..., dataN])
GROUP 2(DEVELOPMENT A1):
resource([window1, ..., windowS],
[command1, ..., object0, commandK],
[data1, ..., dataJ])
.....
end for PROCESS 1
wait((GROUP 1 AND GROUP 2)status=end))
delete GROUP A(DEVELOPMENT A1):
resource([window1, ..., windowP],
[object1, command1, ..., commandL],
[data1, ..., dataN])
delete GROUP 2(DEVELOPMENT A1):
resource([window1, ..., windowS],
[command1, ..., object1, commandK],
[data 1, ..., data J])
.....
create GROUP 1(DEVELOPMENT B1):
resource(.....
.....
PROCESS 2:
for(time M week)
.....
end for PROCESS 2
.....
]

```

*2

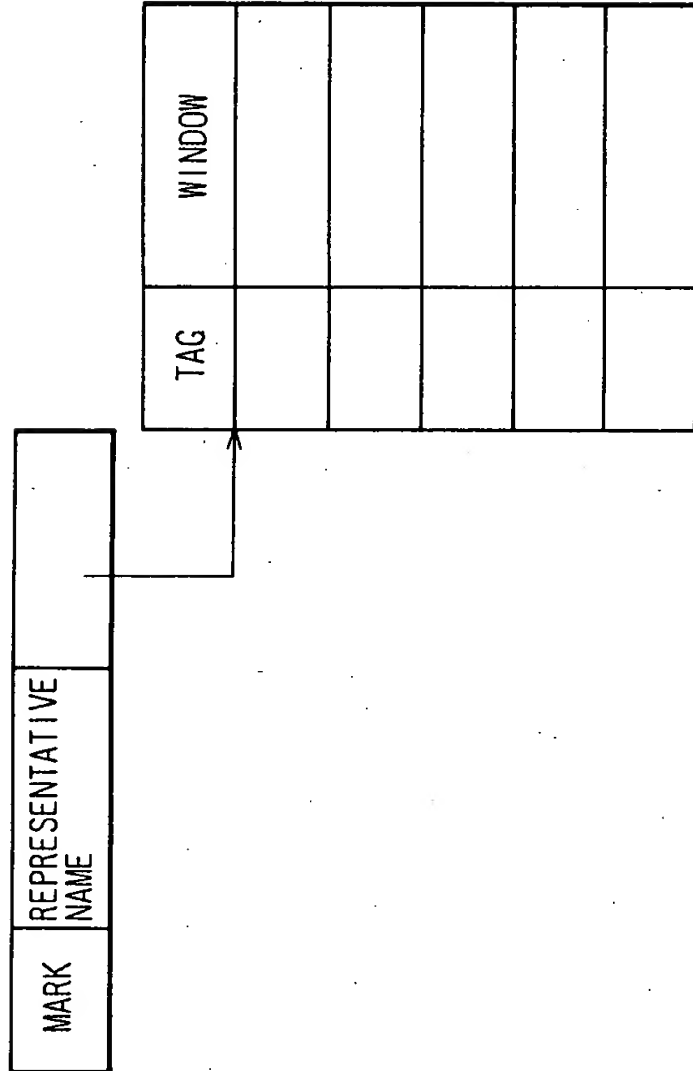
0925208-010499

664070" 80252260

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAWN		

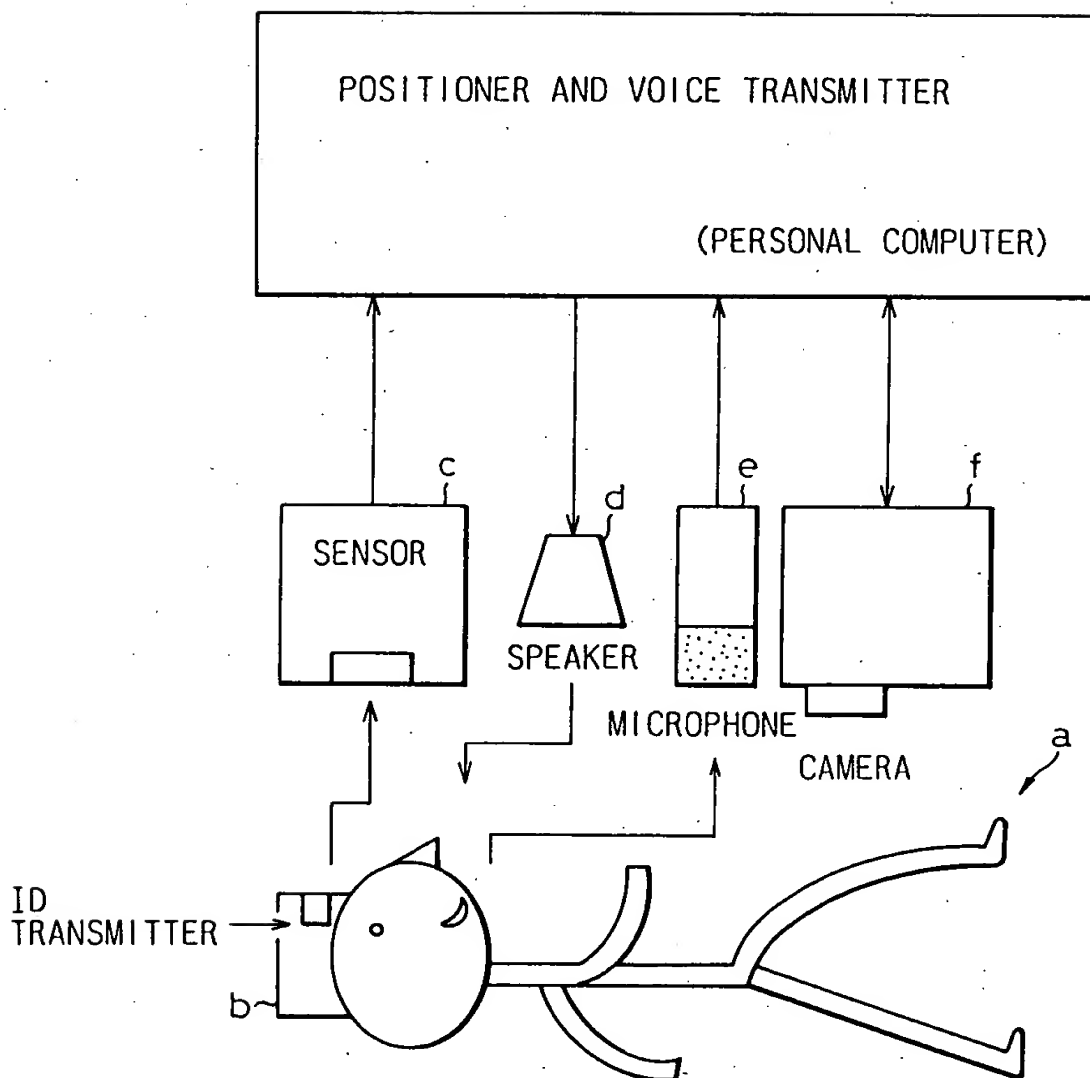
37/53

Fig.38



38/53

Fig. 39



09225208-0104-99

SECRET

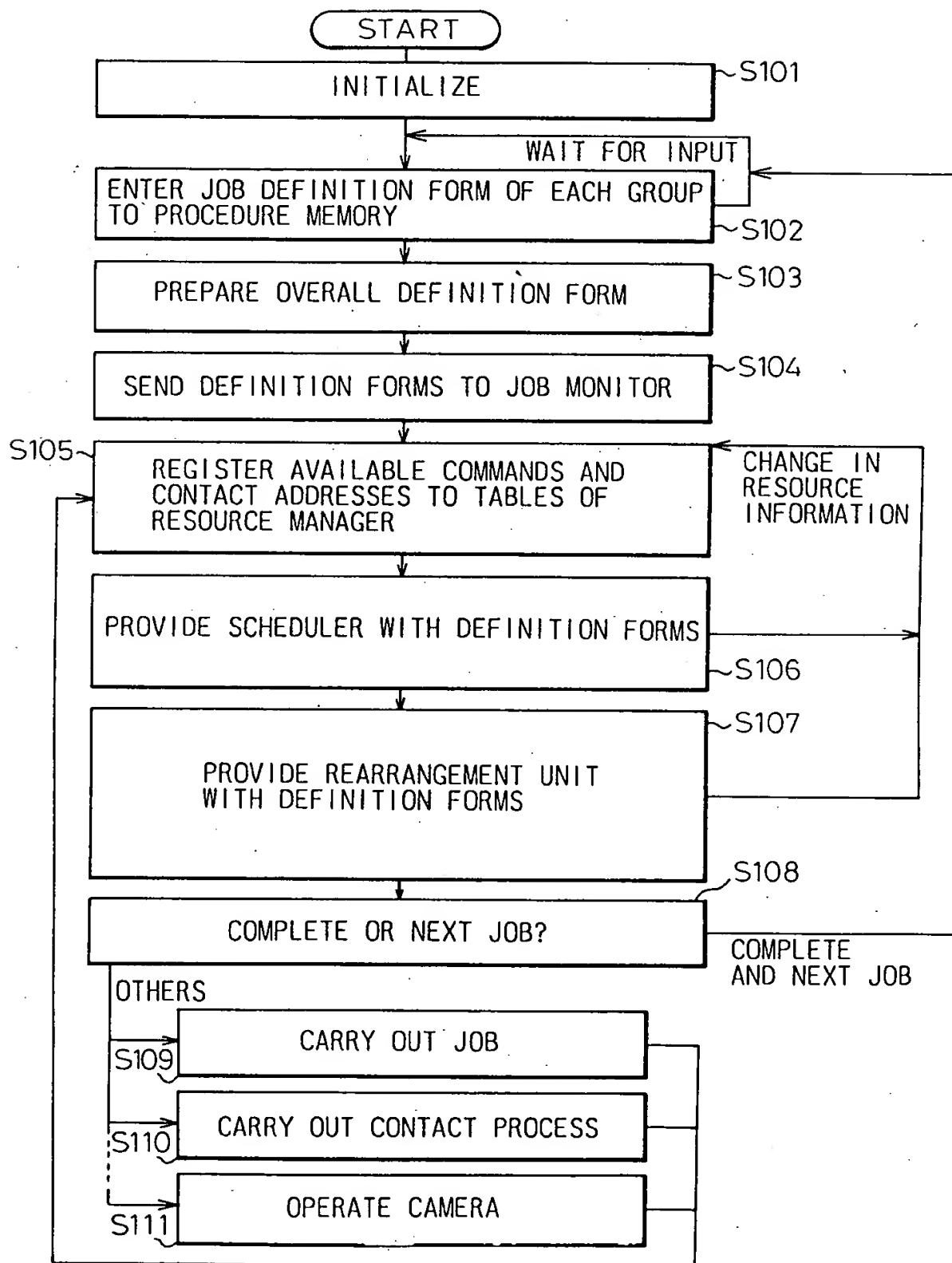
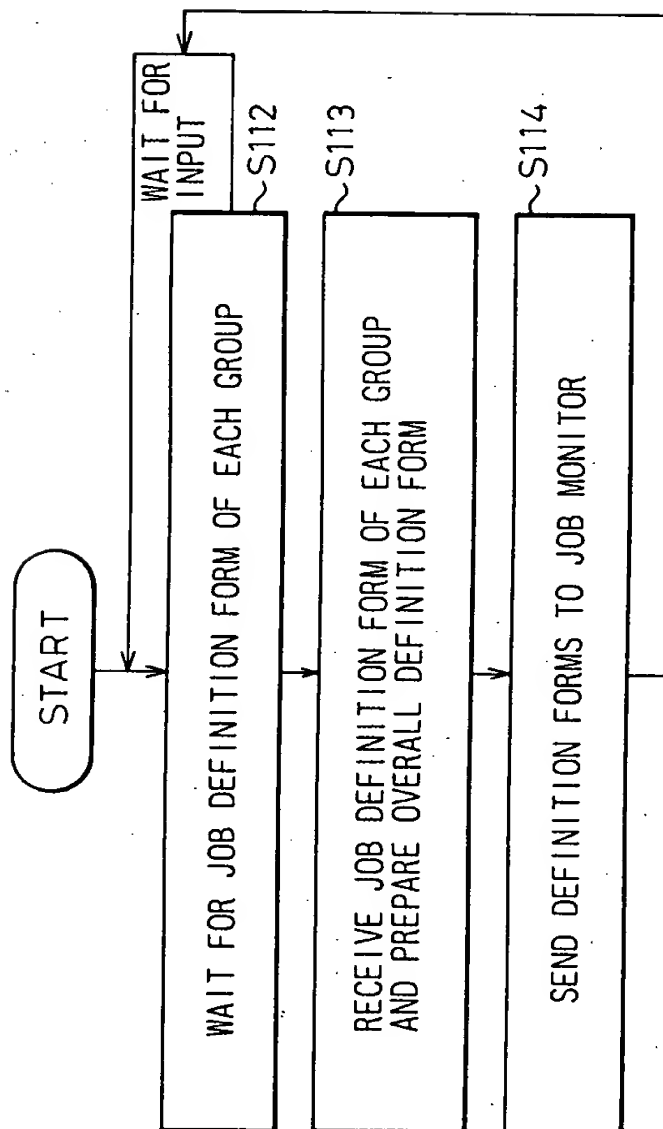


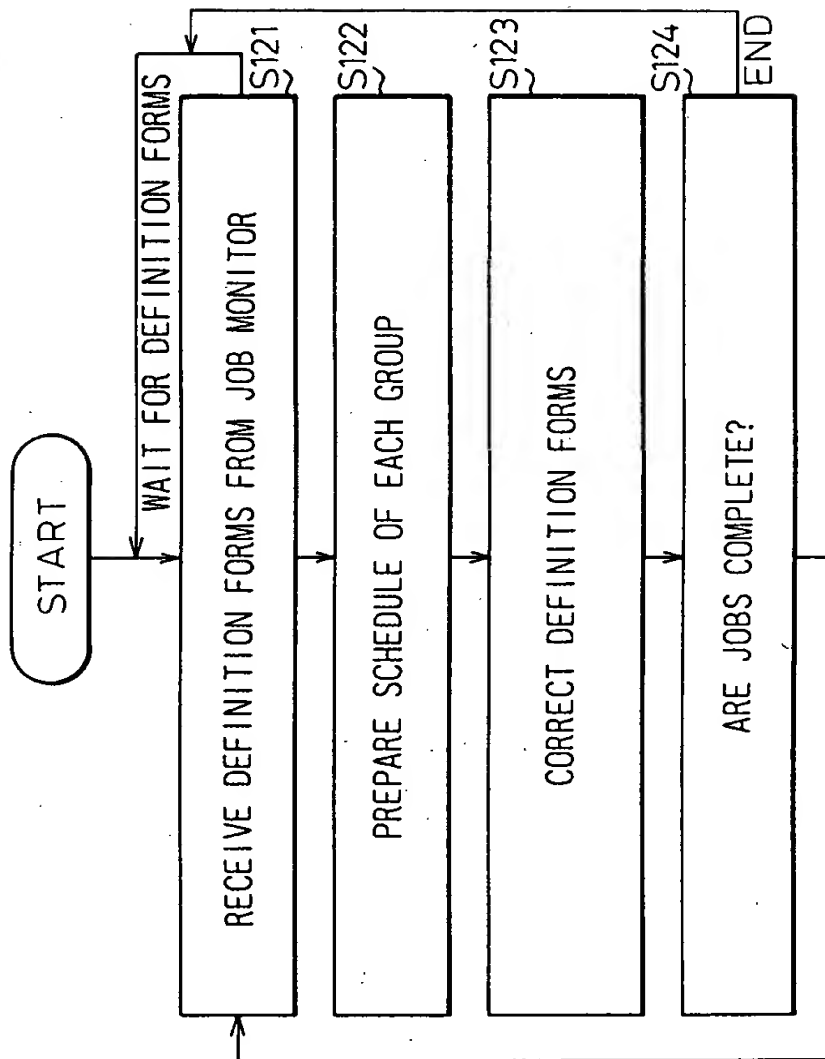
Fig. 41



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
TRAINING		

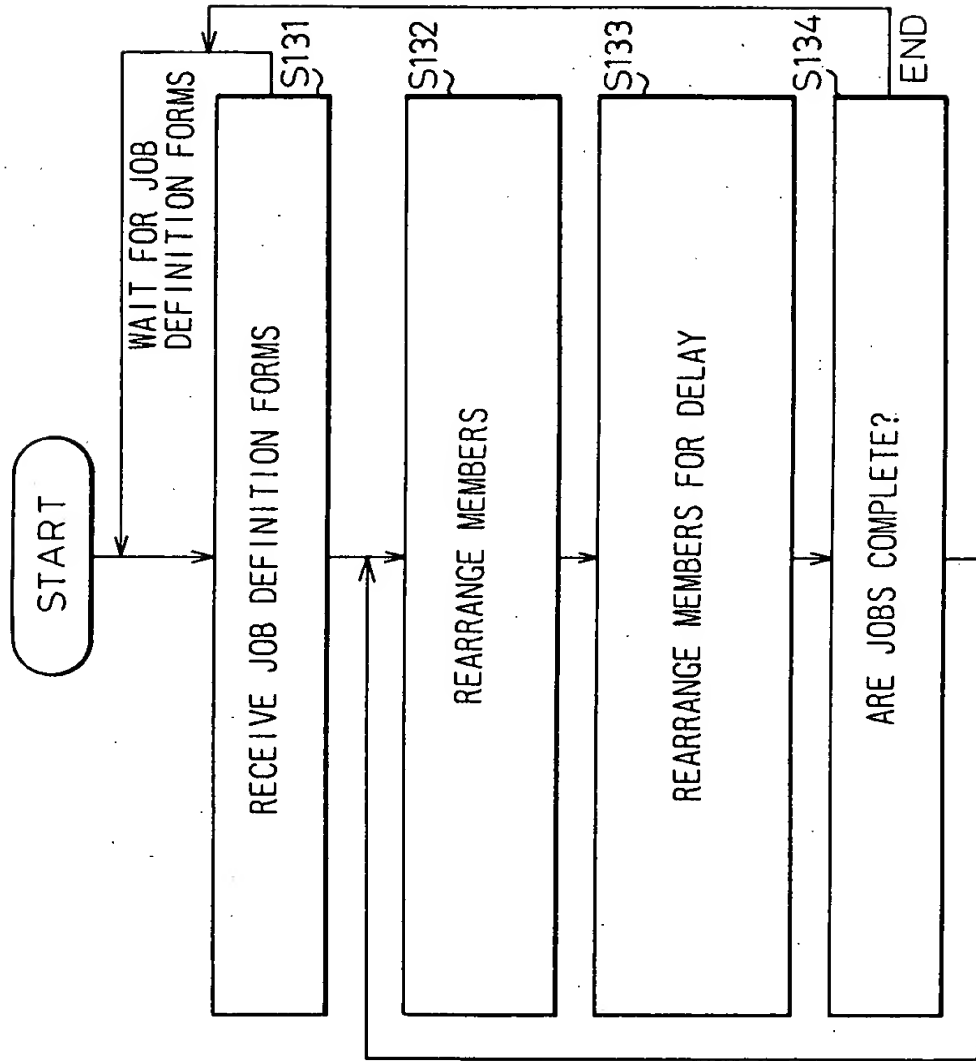
41/53

Fig. 42



6544010" 30252260

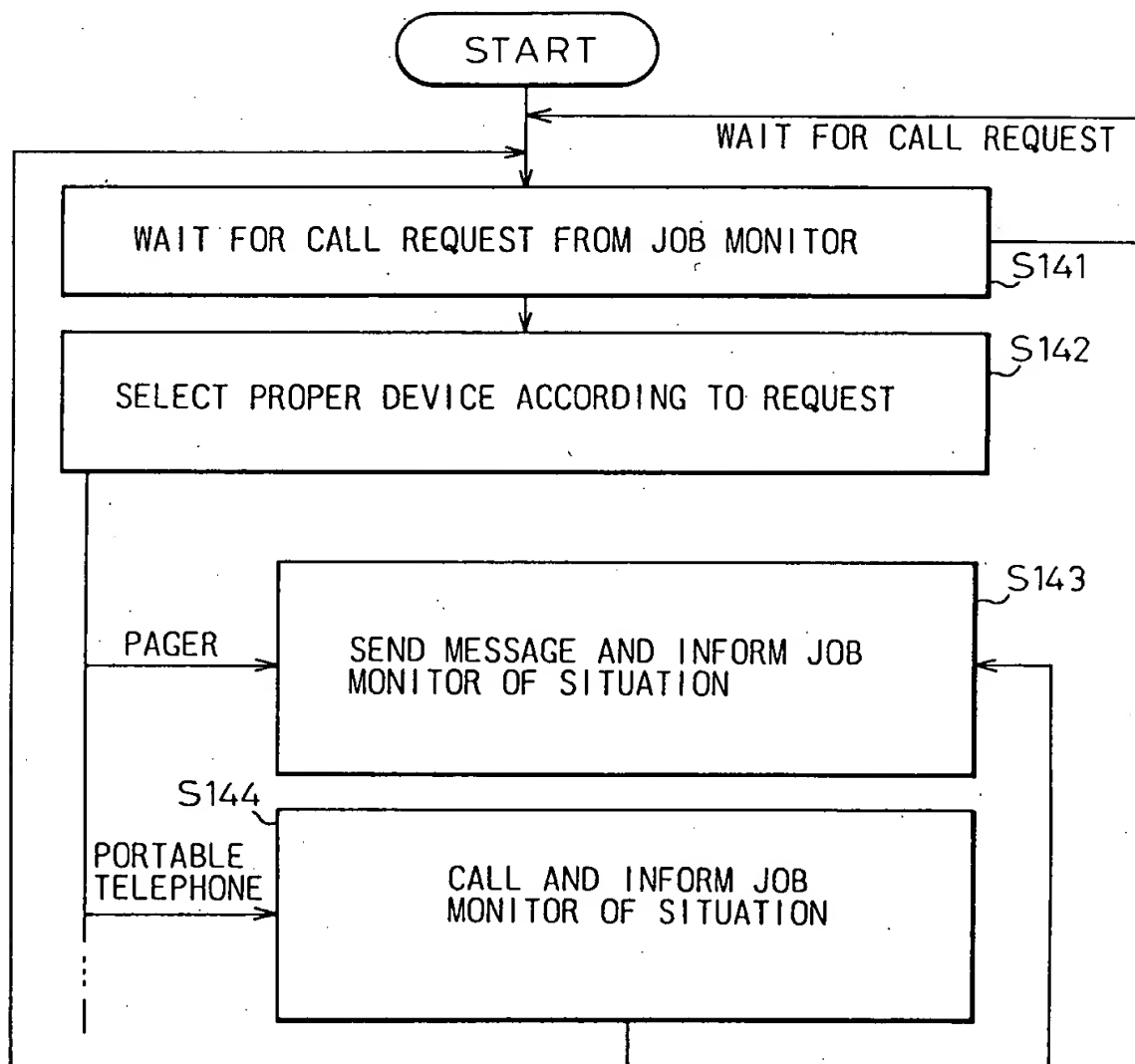
Fig.43



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

43/53

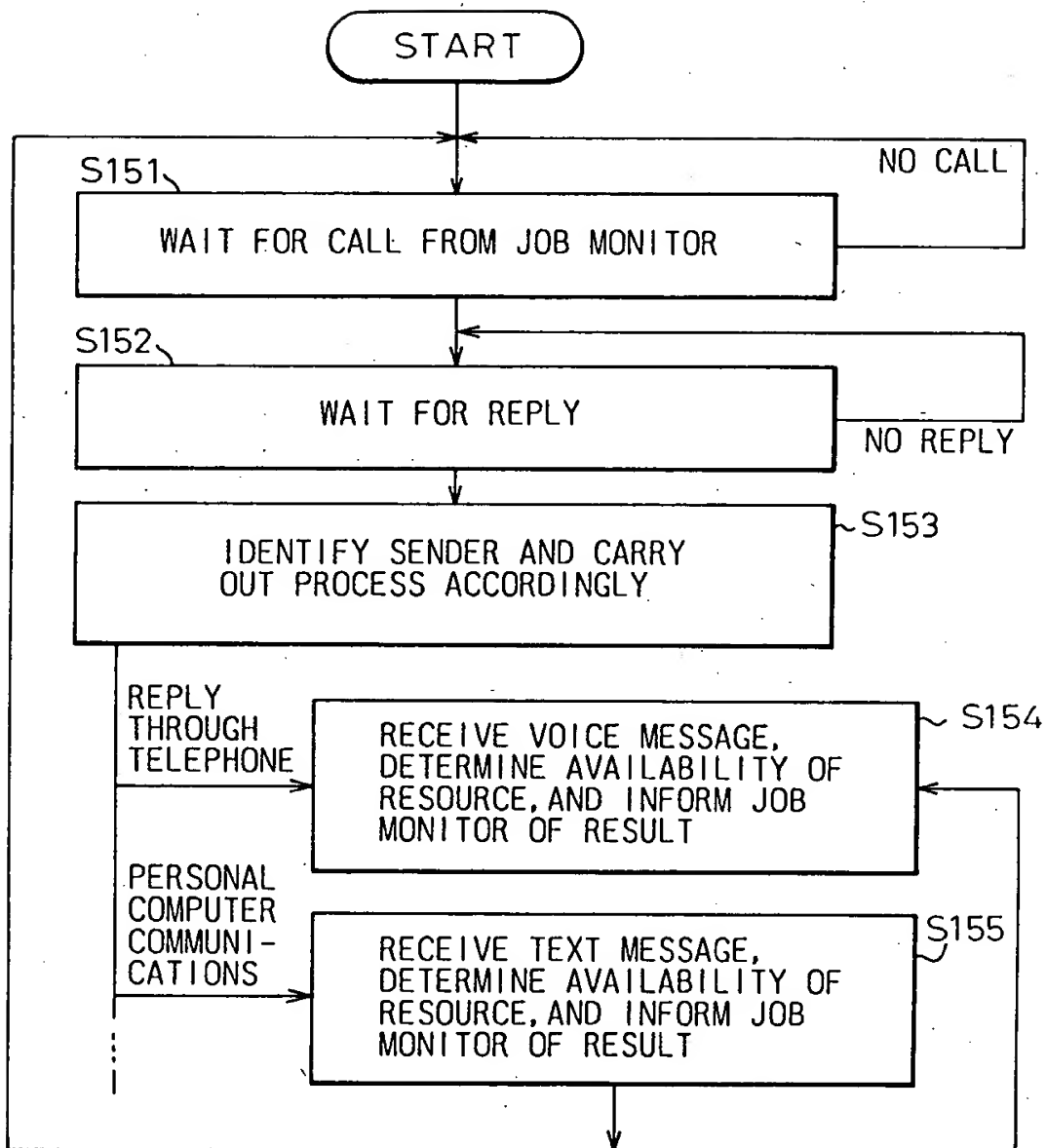
Fig.44



0225208-010499

44/53

Fig.45

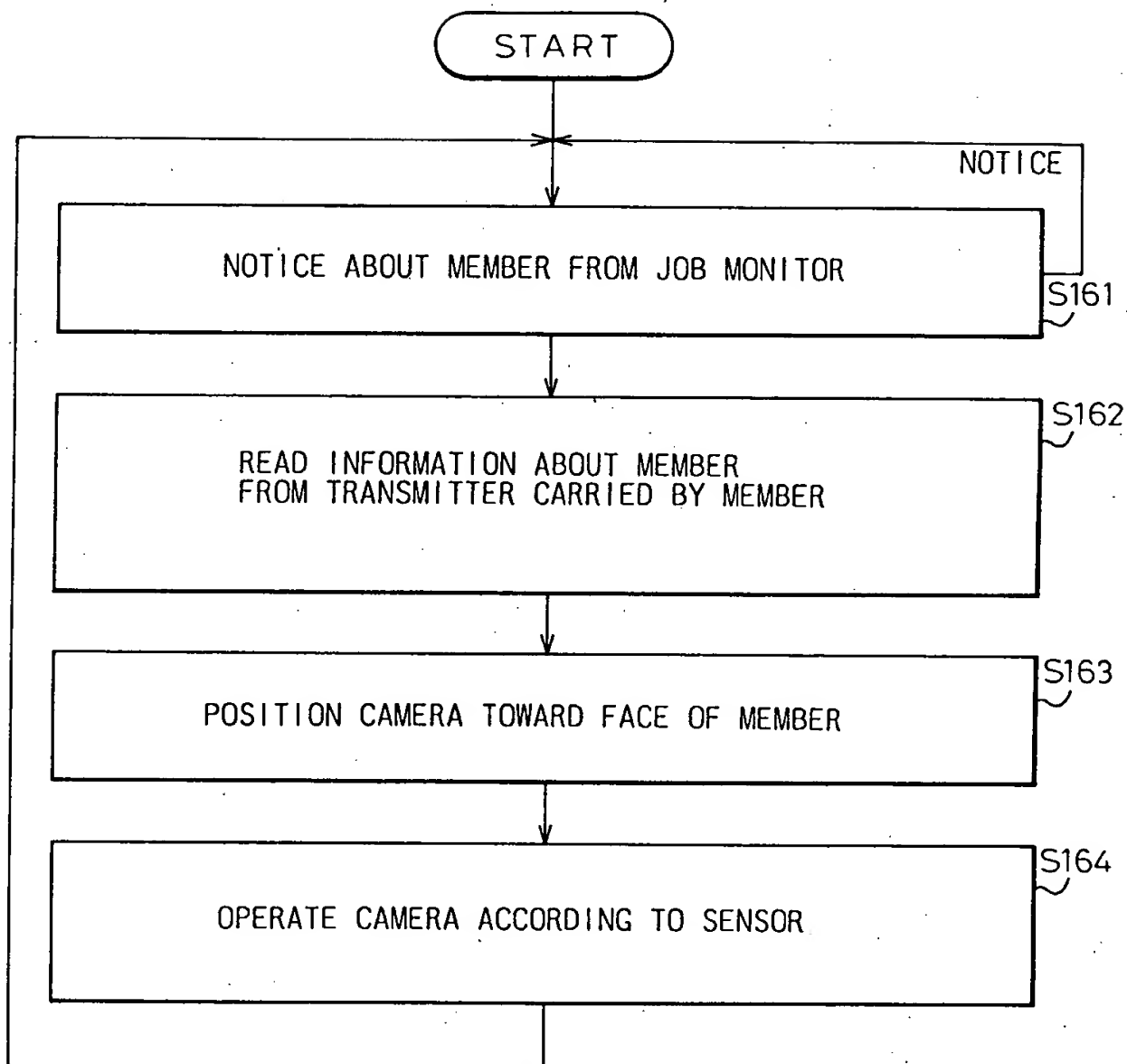


09225208 010499

APPROVED	O.G. FIG.	
BY -	CLASS	SECCLASS
DATE		

45/53

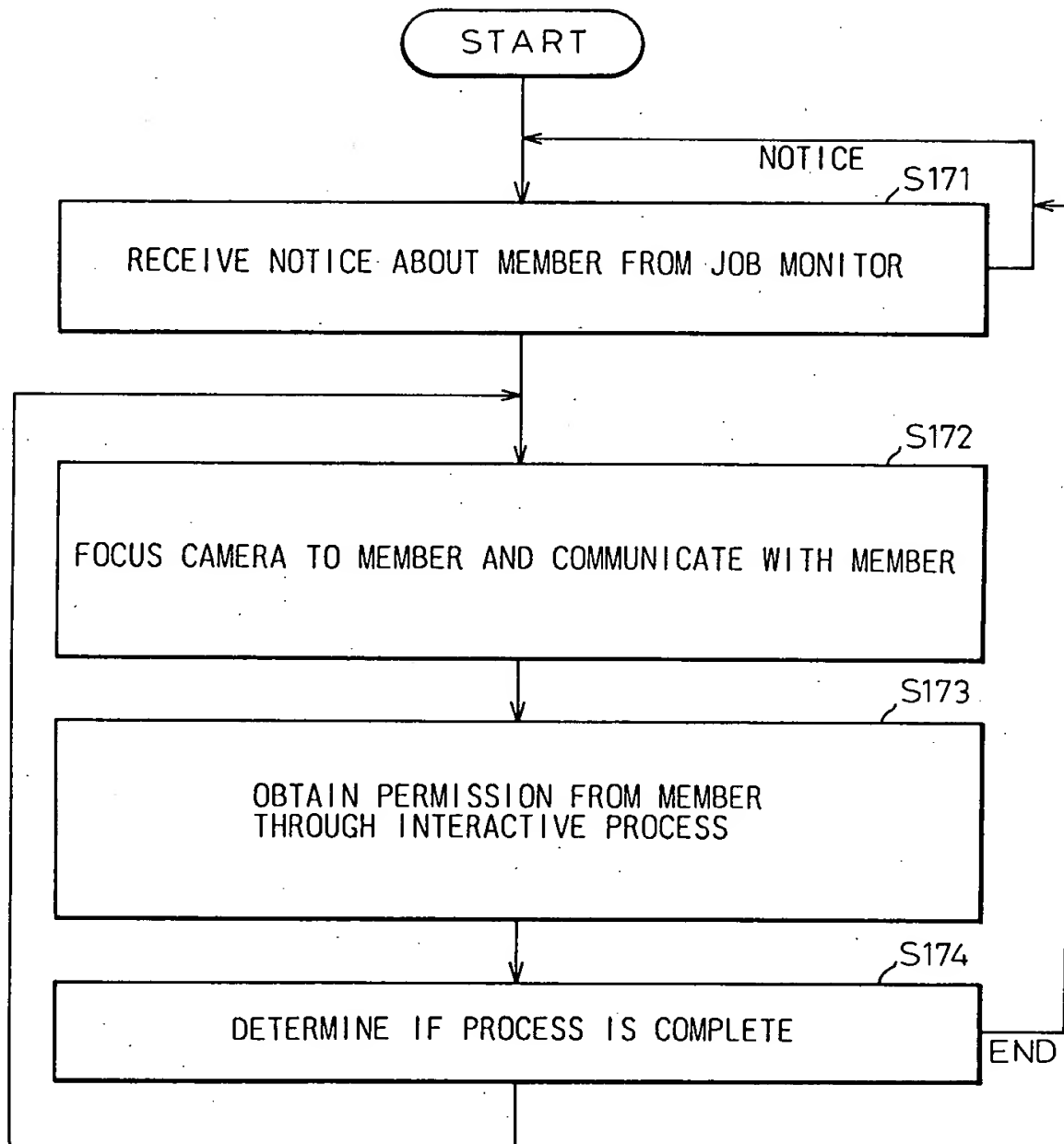
Fig.46



0925208-010499

46/53

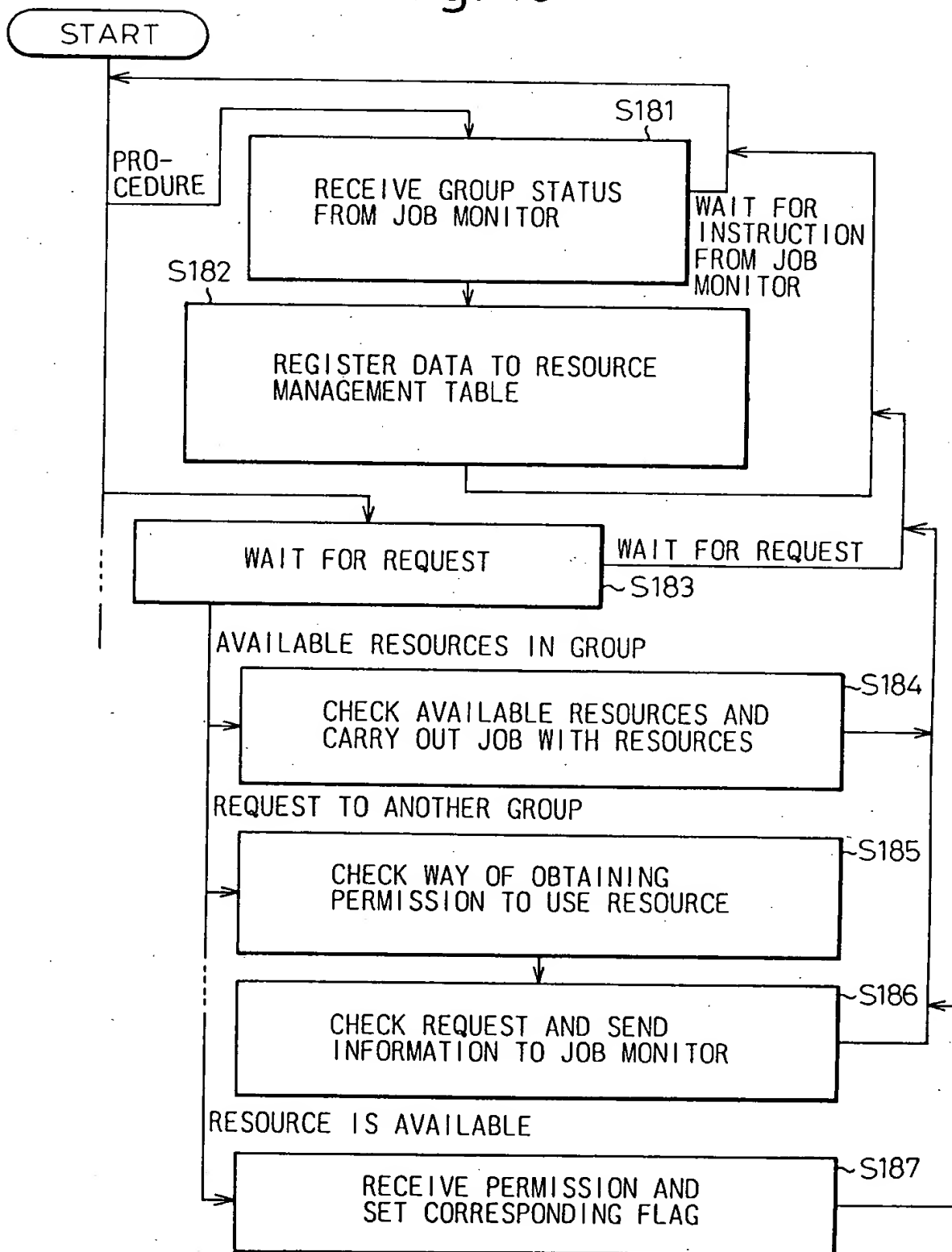
Fig.47



0925208-010499

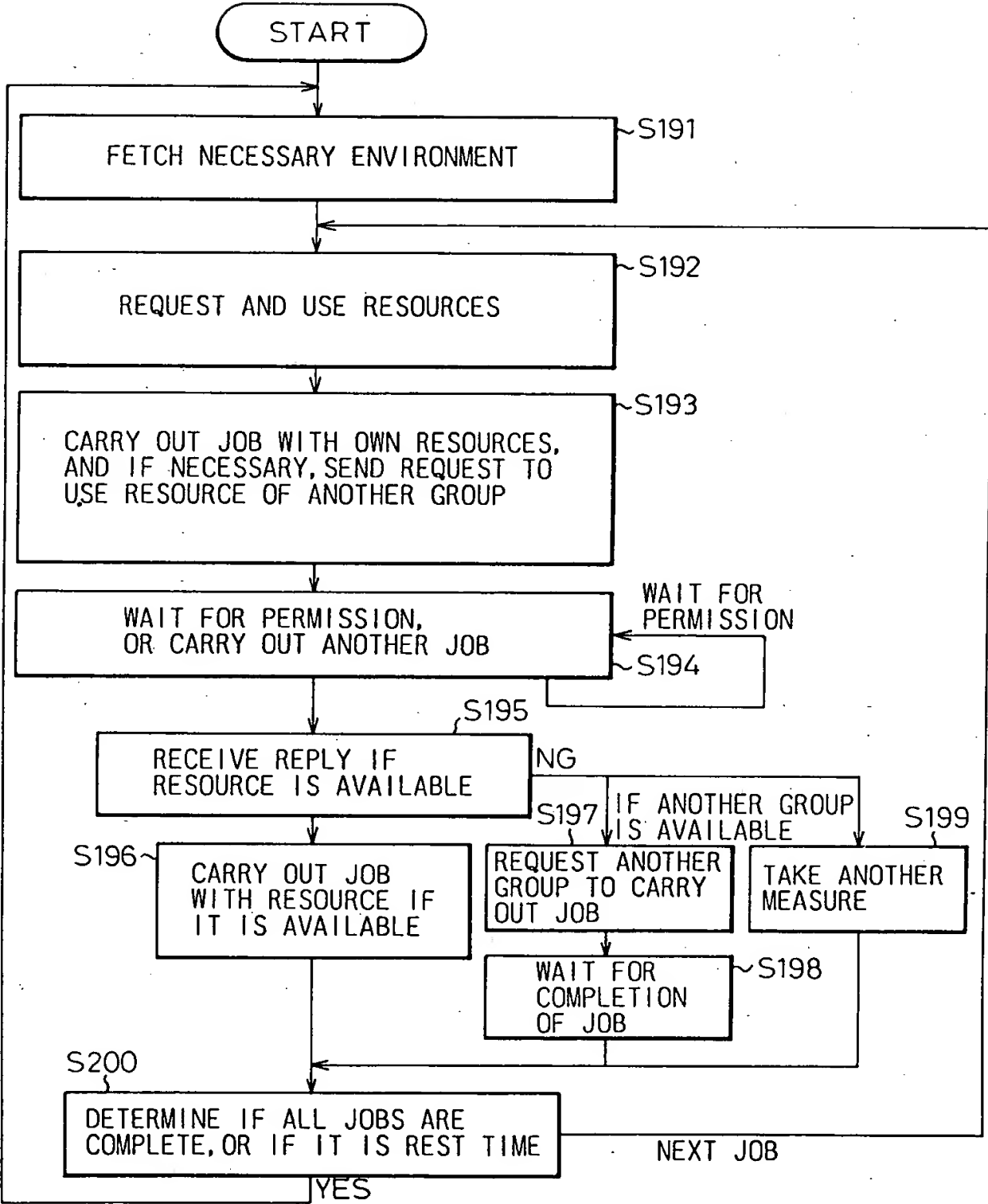
47/53

Fig.48



0925208 010469

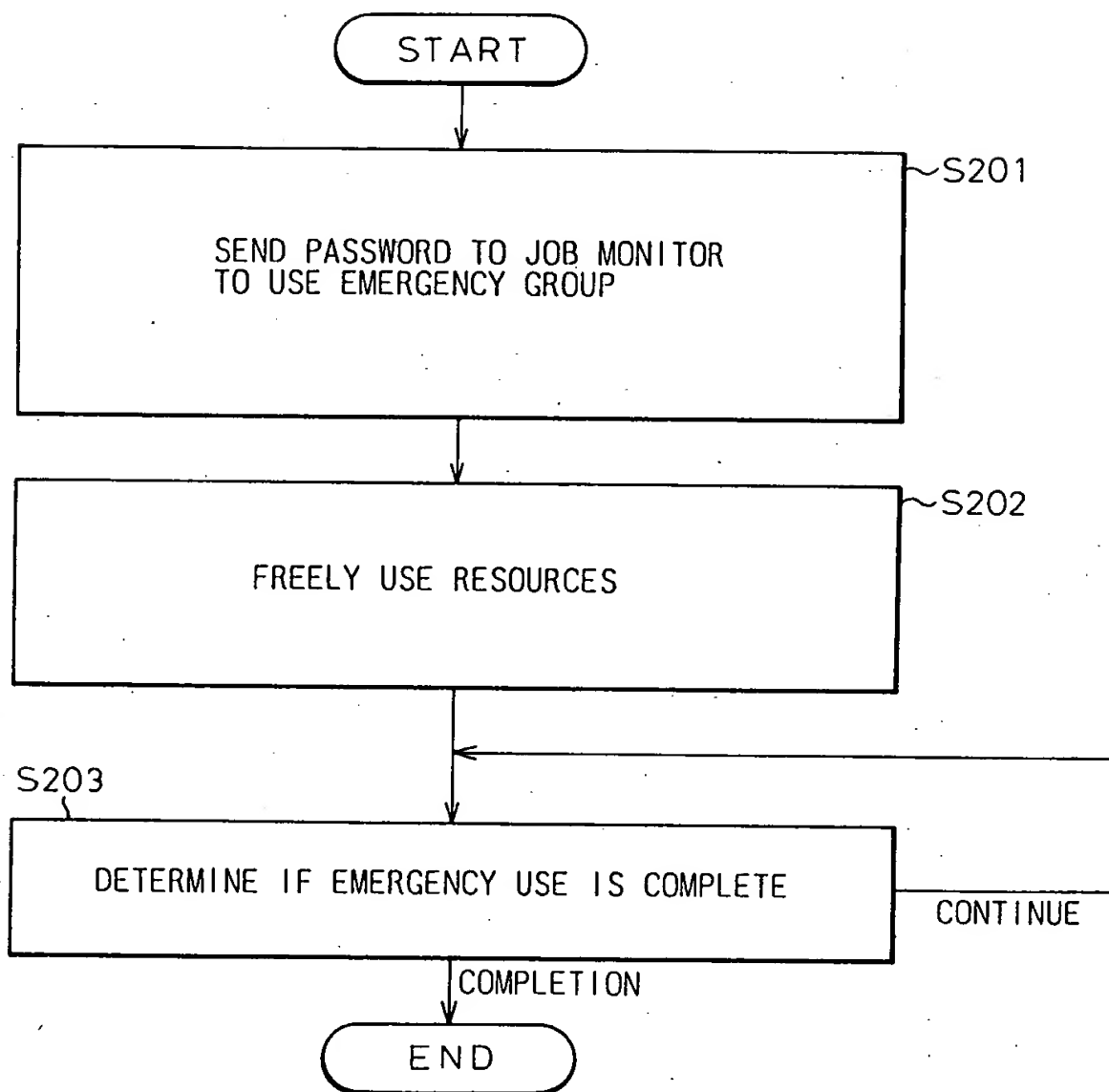
Fig. 49



0925508-010499

49/53

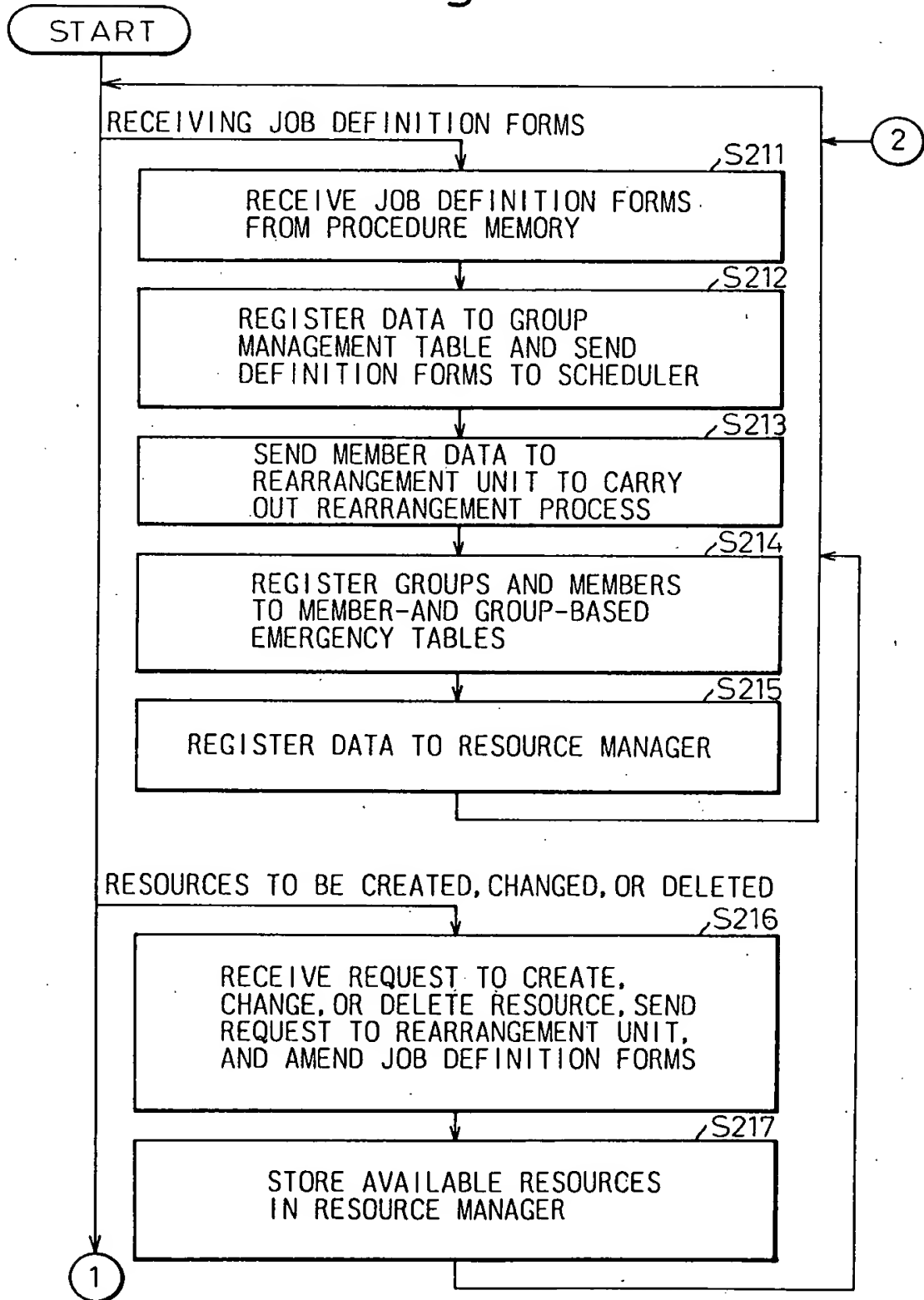
Fig.50



0925208-010499

50/53

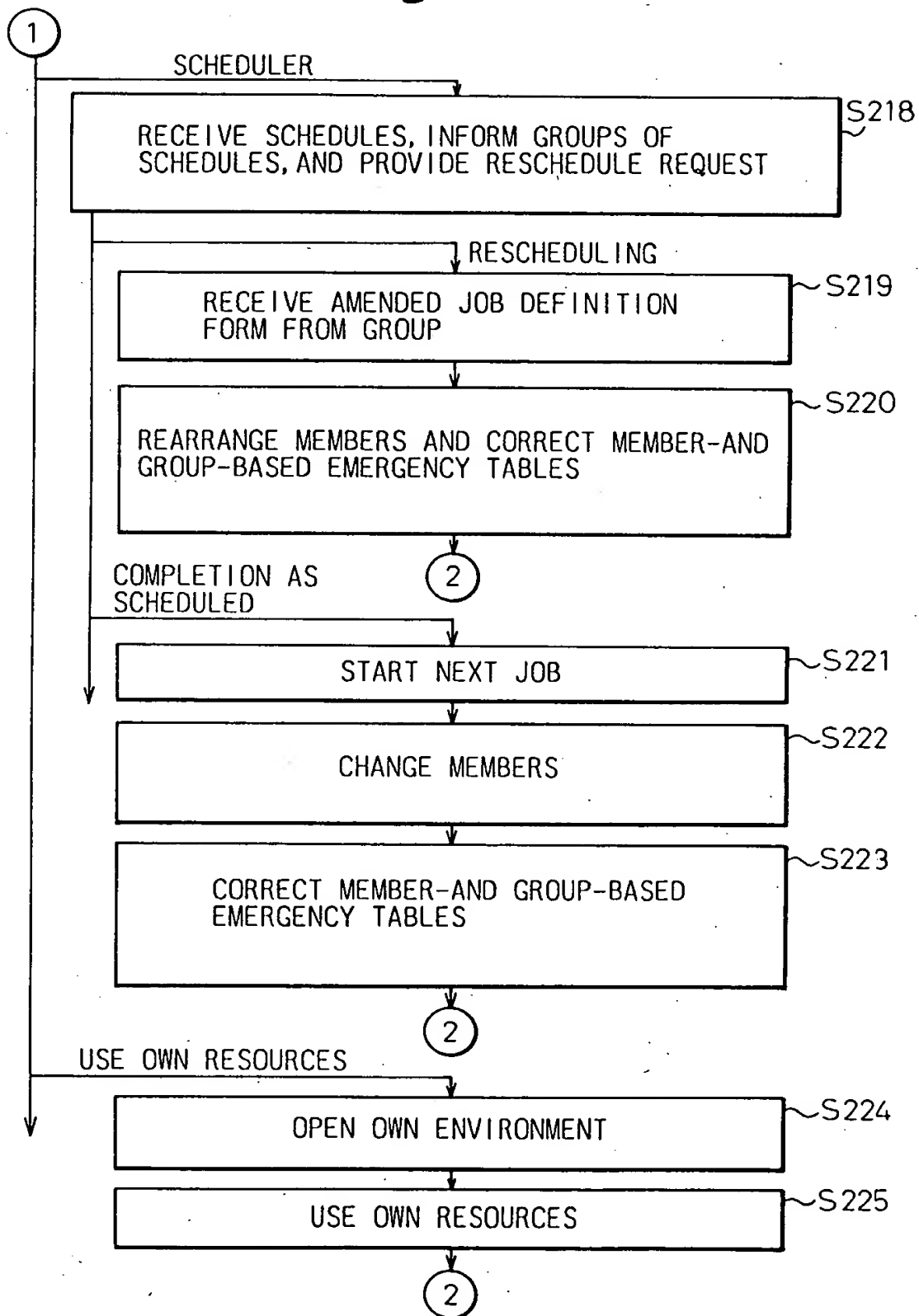
Fig.51



09225208-010499

51/53

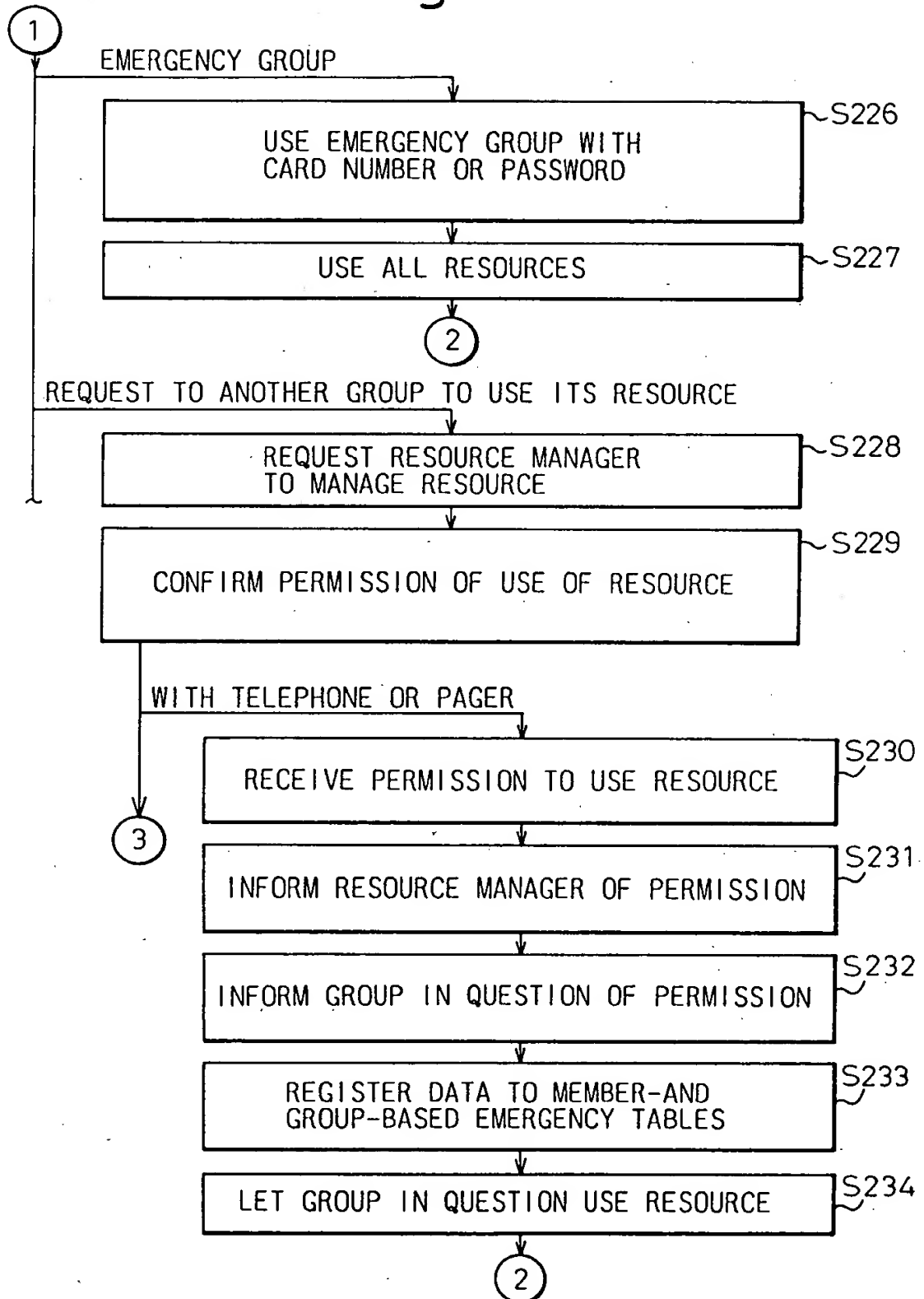
Fig.52



09225208-010499

52/53

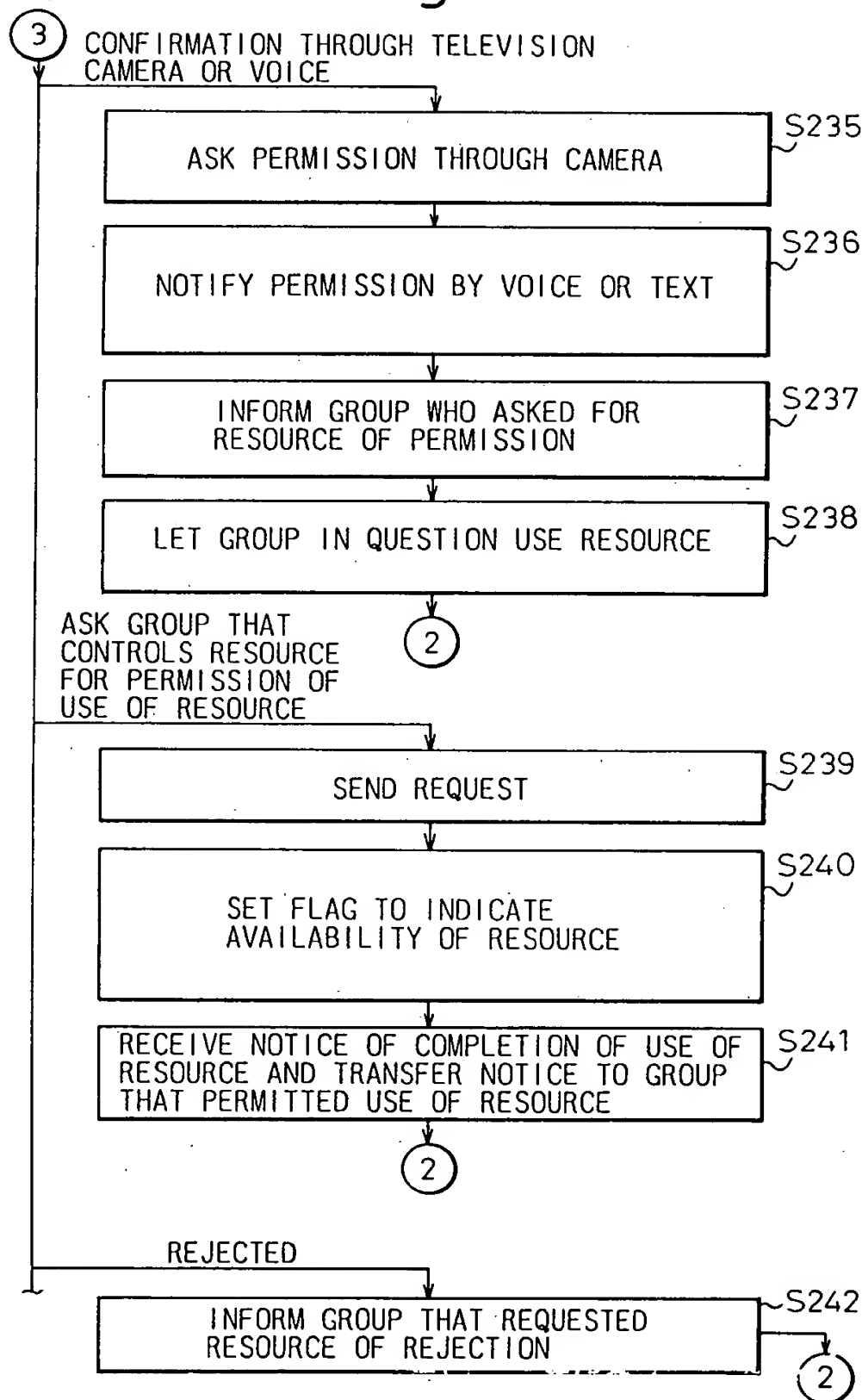
Fig. 53



0925208-010499

53/53

Fig. 54



09225200-010499